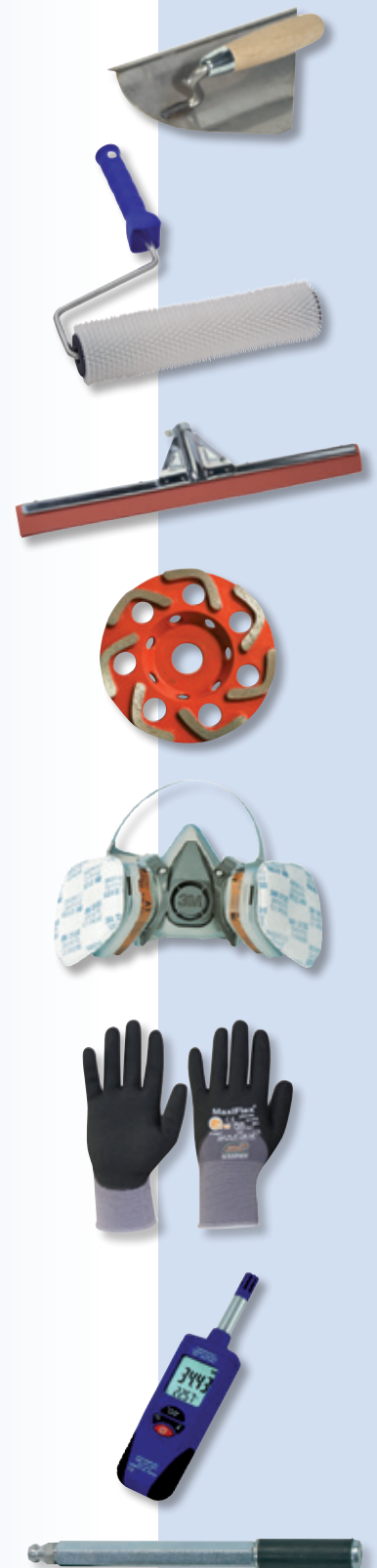


Professional Tools for the Flooring Worker

- Flooring,
Tiling
- Worker Protection
- Testing and Measuring
- Injection



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Multitool is a manufacturer and supplier of high quality tools for the construction trade. We have more than 15 years' experience and maintain a policy in which you as our customer are King.

Our strength is our direct contact with the client, which is facilitated and enhanced by our network sales representatives. To exactly understand your requirements is our main concern for which reason we encourage informative exchange with you. We have enhanced and improved our product range, with the aim to best meet your requirements. Over the years we have expanded our offer to you. The products in our catalogue include the most popular tools relevant to the construction trade, including a wide range of special tools. Should certain tools not be found in our catalogue, please do not hesitate to contact us. We are more than willing to be at your service. It is our aim to simplify your job by offering you the best service.

Our motto is "You order - we deliver" and therefore we maintain most products of our portfolio in stock. Orders received till 2 p.m. will be processed and dispatched on the same day and on request, dispatched directly to you on your construction site.

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Multitool is located in Dielheim, approx. 120 Kilometer south of Frankfurt. We maintain more than 98% of products in stock in our warehouse. Our shipments are mainly dispatched via parcel service and ex works.



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1



Painter and Plasterer

**Please find more in our
Construction Workers
Catalogue**

2



Flooring, Tiling

1 – 124

3



Electricians

**Please find more in our
Construction Workers
Catalogue**

4



Drywall Builder

**Please find more in our
Construction Workers
Catalogue**

5



Worker Protection

1 – 24

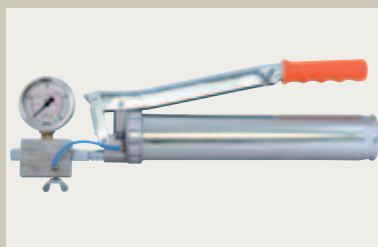
6



**Testing and
Measuring**

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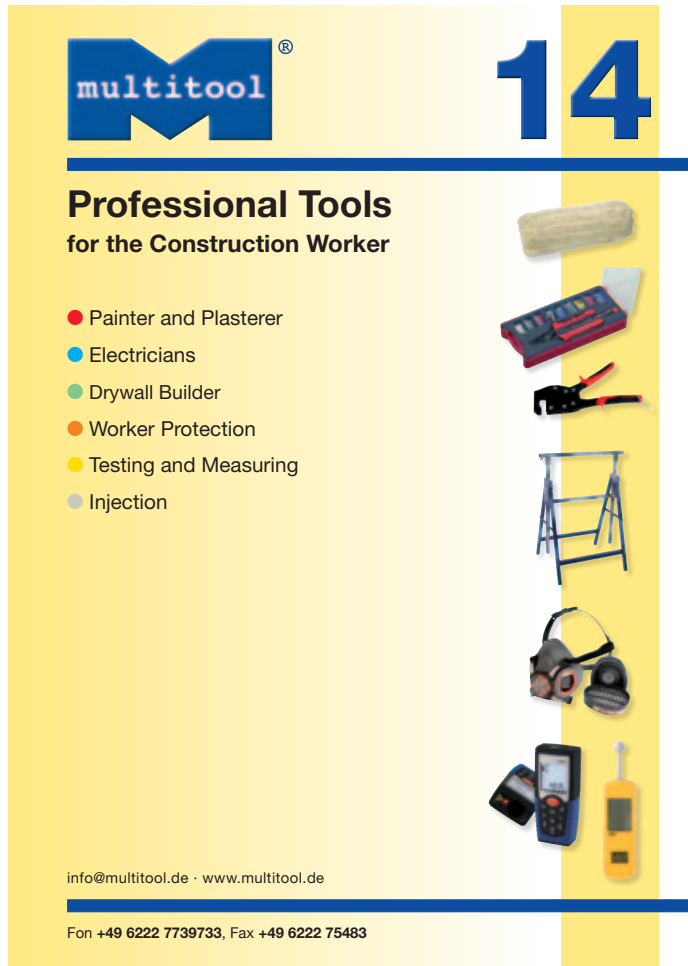


Injection

1 – 4

Professional Tools for the Construction Worker

Professional Tools for the Flooring Worker

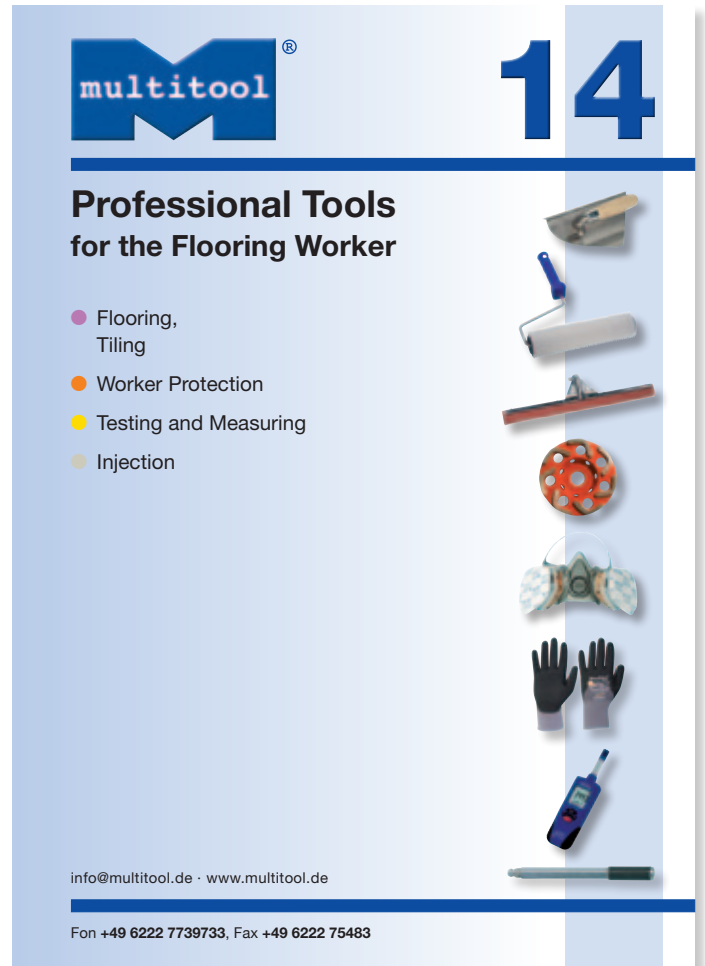


**Professional Tools
for the Construction Worker**

- Painter and Plasterer
- Electricians
- Drywall Builder
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- Injection

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**Professional Tools
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- Flooring, Tiling
- Worker Protection
- Testing and Measuring
- Injection

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Our product portfolio has expanded. We now have 2 catalogues!

Our catalogues are sorted according to job and not according to tool categories. Due to this it may occur that some tools appear at more instances in the catalogues. This may be the case where a tool is required or used in more than one job category.

You will find the appropriate tools for painters, plasterers, electricians and drywall builders in the yellow catalogue while the blue catalogue applies to flooring workers. Protective workwear, testing tools, measuring tools and injection tools can be found in both catalogues.

We hope to have addressed your needs and requirements with the enhanced layout of our new catalogue, making it easy to find your required tools quickly. Each job category starts with a table of contents to facilitate your search for the right tool.

2

Flooring



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Size Chart Brush

| Radiator Brush | Size | 1/2" | 3/4" | 1" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|----------------|------------|------|------|----|--------|----|--------|----|-----|
| | size in mm | 12,5 | 18 | 25 | 38 | 50 | 62 | 75 | 100 |

| Varnish Brush Thickness Scale | Width | 15 mm | 25 mm | 40 mm | 50 mm | 60 mm | 75 mm | 85 mm | 100 mm |
|----------------------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 1. Thickness / mm | 4 | 4,5 | 4,5 | 5 | 5,5 | 6 | 6,5 | 6,5 |
| | 2. Thickness / mm | 5,5 | 6 | 6,5 | 7 | 7,8 | 8 | 9 | 9 |
| | 3. Thickness / mm | 6 | 7 | 7,5 | 8 | 9 | 9,5 | 10 | 10,5 |
| | 4. Thickness / mm | 7 | 8 | 9 | 10 | 11 | 12 | 12,5 | 13 |
| | 5. Thickness / mm | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 6. Thickness / mm | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 7. Thickness / mm | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 8. Thickness / mm | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | 9. Thickness / mm | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | 10. Thickness / mm | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | 12. Thickness / mm | - | 17 | 18 | 19 | 21 | 22 | 23 | 23 |

| Round Brush | Size | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
|-------------|---------|----|----|----|----|----|----|----|----|----|
| | Ø in mm | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |

Use of Paint Roller

| Paint Roller Cover |  | suitable for | | | | | | | | | |
|------------------------|---|------------------|--------------|-------------|--------------|-------------|-------------------|-----------------------|---------|--------------------|----------------|
| | | Dispersion Paint | Facade Paint | Latex Paint | Impregnation | Epoxy resin | Polyurethan resin | Water emulgated resin | Bitumen | Glas fibre plastic | 2-comp. Primer |
| Vestan | Polyester knitted | | | | | | | | xxx | xxx | xxx |
| Acryl | Synthetic spinning fibre, cheap alternative to polyamid fibres | x | x | x | | | | | xx | xx | xx |
| Nylon | Polyamid yarn textured (curled) filament yarn | | | | | xxx | xxx | x | | xx | xx |
| Gold Stripe | Polyamid yarn spinned | xxx | xxx | xxx | | | | xxx | | | |
| Polyester | Polyester yarn woven | xx | xx | xx | | x | x | | xx | xx | xx |
| Mohair | Goat hair | | | | | xxx | xxx | | xxx | xxx | xxx |
| Velour | Shorn lamb hair | | | | | xxx | xxx | | xxx | xxx | xxx |
| Lamb Skin | Lamb Skin | xxx | xxx | xxx | | | | | | | |
| Micro Fibres | Polyester filament yarn | | | xxx | xxx | xx | xx | xxx | | | xx |
| Mcro Fibres Mix | Mix of various polyester ficro fibres | | | | xxx | xxx | xxx | xxx | | | xx |
| | xxx = very suitable xx = well suited x = suitable | | | | | | | | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|---------|------------|--------------|------------|--------------|
| Radiator Brush Industry Quality  | light PBT/natural bristle mix, approx. 60% tops, for cleaning purpose | | | | | |
| | 1" ferr. thickness approx. 10mm, vbl 45mm | 011.010 | 12 | 360 | | |
| | 1,5" ferr. thickness approx. 12mm, vbl 45mm | 011.015 | 12 | 300 | | |
| | 2" ferr. thickness approx. 12mm, vbl 45mm | 011.020 | 12 | 240 | | |
| | 2,5" ferr. thickness approx. 12mm, vbl 45mm | 011.025 | 12 | 180 | | |
| | 3" ferr. thickness approx. 12mm, vbl 45mm | 011.030 | 12 | 120 | | |
| Radiator Brush Good Standard Quality  | grey PBT/natural bristle mix, approx. 70-80% tops | | | | | |
| | 1" ferr. thickness approx. 10mm, vbl 40mm | 011.110 | 12 | 360 | | |
| | 1,5" ferr. thickness approx. 10mm, vbl 45mm | 011.115 | 12 | 300 | | |
| | 2" ferr. thickness approx. 11mm, vbl 45mm | 011.120 | 12 | 240 | | |
| | 2,5" ferr. thickness approx. 12mm, vbl 50mm | 011.125 | 12 | 180 | | |
| | 3" ferr. thickness approx. 12mm, vbl 56mm | 011.130 | 12 | 120 | | |
| Radiator Brush Master Quality  | black PBT/natural bristle mix, approx. 70-80% tops | | | | | |
| | 1" ferr. thickness approx. 9mm, vbl 42 mm | 012.010 | 12 | 360 | | |
| | 1,5" ferr. thickness approx. 10mm, vbl 44mm | 012.015 | 12 | 300 | | |
| | 2" ferr. thickness approx. 11mm, vbl 50mm | 012.020 | 12 | 240 | | |
| | 2,5" ferr. thickness approx. 12mm, vbl 52mm | 012.025 | 12 | 180 | | |
| | 3" ferr. thickness approx. 12mm, vbl 55mm | 012.030 | 12 | 120 | | |
| Radiator Brush Top Quality  | light PBT/natural bristle mix, 3x boiled bristle, approx. 90% tops (Made in Germany) | | | | | |
| | 1" ferr. thickness approx. 8mm, vbl 45mm | 012.210 | 12 | 120 | | |
| | 1,5" ferr. thickness approx. 8mm, vbl 50mm | 012.215 | 12 | 120 | | |
| | 2" ferr. thickness approx. 9mm, vbl 56mm | 012.220 | 12 | 120 | | |
| | 2,5" ferr. thickness approx. 10mm, vbl 56mm | 012.225 | 12 | 120 | | |
| | 3" ferr. thickness approx. 10mm, vbl 62mm | 012.230 | 12 | 120 | | |
| Facade Brush Master Quality  | light PBT/natural bristle mix, long handle, approx. 70-80% tops | | | | | |
| | 2" vbl 56 mm | 012.620 | 12 | 180 | | |
| | 3" vbl 56 mm | 012.630 | 12 | 120 | | |
| | 4" vbl 56 mm | 012.640 | 12 | 96 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Facade Brush Top Quality



12.grade, light PBT/natural bristle mix, short handle, 90% tops

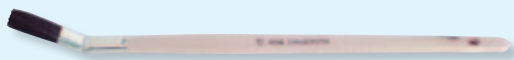
3"
vbl 56 mm

012.830

1

12

Linedrawer angled



black china bristle, approx. 80% tops

10 mm
15 mm
20 mm
25 mm
30 mm

013.010

12

013.015

12

013.020

12

013.025

12

013.030

12

Ceiling Brush



special Silverpren filling, punched in bundles, plastic handle with thread and bucket hook, solvent resistant, vbl 70 mm

18 x 8 cm

014.020

6

12

Ceiling Brush Economy



synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, vbl 70 mm

17x7 cm

014.030

6

12

Ceiling Brush Top Quality



Professional ceiling brush pure light China bristle approx. 89 cm long

18x8 cm

014.035

1

Oval paint brush



premium quality, pure light china bristle vbl 65 mm

14x7 cm

014.214

1

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair | |
|--|---|---------|------------|--------------|------------|--------------|--|
| Tar Brush  | heat resistant Fibre bristles 17x7 cm vbl 65 mm 17,5x8 cm vbl 70 mm | 014.040 | 1 | | 12 | | |
| | | 014.041 | 1 | | 12 | | |
| Tar scrubber  | white fibre 6,8x22,5 cm | 014.042 | 1 | | | | |
| | | | | | | | |
| Floor Painting Brush  | pure china bristles, vulcanized, with handle bracket, vbl 60 mm 21x3 cm 30x3 cm | 014.052 | 1 | | | | |
| | | 014.053 | 1 | | | | |
| Wall Brush Economy  | light china bristles, plastic handle with thread and bucket hook, vbl 45 mm 3x7 cm 3x10 cm 3x12 cm 4x14 cm | 014.048 | 12 | | 60 | | |
| | | 014.049 | 6 | | 60 | | |
| | | 014.050 | 6 | | 60 | | |
| | | 014.051 | 6 | | 60 | | |
| | | | | | | | |
| Block Brush Professional  | light PBT/Natural bristles mix, untreated wooden handle, vbl 60mm, approx. 90% tops 2,5x8 cm 2,5x10 cm 2,8x12 cm 3x14 cm | 014.080 | 6 | | | | |
| | | 014.100 | 6 | | | | |
| | | 014.120 | 6 | | | | |
| | | 014.140 | 6 | | | | |
| Flat Brush Economy 1st grade  | light PBT/natural bristle mix, untreated wooden handle, approx. 70% tops 25 mm vbl 38 mm 35 mm vbl 41 mm 50 mm vbl 43 mm 60 mm vbl 47 mm 70 mm vbl 48 mm 80 mm vbl 55 mm | 015.210 | 12 | | 120 | | |
| | | 015.215 | 12 | | 120 | | |
| | | 015.220 | 12 | | 120 | | |
| | | 015.225 | 12 | | 120 | | |
| | | 015.230 | 12 | | 120 | | |
| | | 015.240 | 12 | | 120 | | |
| | | | | | | | |
| | | | | | | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

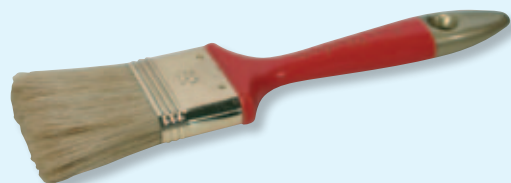
Flat Brush Economy 6th grade



light PBT/natural bristle mix, blue plastic handle, approx. 70% tops

| | | | |
|-----------|---------|----|-----|
| 25 mm | 015.510 | 12 | 120 |
| vbl 45 mm | | | |
| 35 mm | 015.515 | 12 | 120 |
| vbl 45 mm | | | |
| 50 mm | 015.520 | 12 | 120 |
| vbl 45 mm | | | |
| 60 mm | 015.525 | 12 | 120 |
| vbl 45 mm | | | |
| 70mm | 015.530 | 12 | 120 |
| vbl 45 mm | | | |

Flat Brush Master Quality 7th grade



light PBT/natural bristle mix, coated handle, approx. 70-80% tops

| | | | |
|-----------|---------|----|-----|
| 25 mm | 015.110 | 12 | 120 |
| vbl 45 mm | | | |
| 35 mm | 015.115 | 12 | 120 |
| vbl 45 mm | | | |
| 50 mm | 015.120 | 12 | 120 |
| vbl 48 mm | | | |
| 60 mm | 015.125 | 12 | 120 |
| vbl 48 mm | | | |
| 70 mm | 015.130 | 12 | 120 |
| vbl 48 mm | | | |
| 100 mm | 015.140 | 12 | 120 |
| vbl 55 mm | | | |

Flat Brush Master Quality 9th grade



light PBT/natural bristle mix, waxed, wooden handle, approx. 70-80% tops

| | | | |
|-----------|---------|----|-----|
| 25 mm | 015.010 | 12 | 120 |
| vbl 40 mm | | | |
| 35mm | 015.015 | 12 | 120 |
| vbl 45 mm | | | |
| 50 mm | 015.020 | 12 | 120 |
| vbl 51 mm | | | |
| 60 mm | 015.025 | 12 | 120 |
| vbl 51 mm | | | |
| 70 mm | 015.030 | 12 | 120 |
| vbl 40 mm | | | |
| 100 mm | 015.040 | 12 | 120 |
| vbl 40 mm | | | |

Flat Brush Master Quality 9th grade



black PBT/natural bristle mix, untreated wooden handle, approx. 70-80% tops

| | | | |
|-----------|---------|----|-----|
| 25 mm | 016.010 | 12 | 120 |
| vbl 45 mm | | | |
| 35 mm | 016.015 | 12 | 120 |
| vbl 51 mm | | | |
| 50 mm | 016.020 | 12 | 120 |
| vbl 56 mm | | | |
| 60 mm | 016.025 | 12 | 120 |
| vbl 56 mm | | | |
| 70 mm | 016.030 | 12 | 120 |
| vbl 63 mm | | | |
| 100 mm | 016.040 | 6 | 60 |
| vbl 63 mm | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Flat Brush Top Quality 12th grade

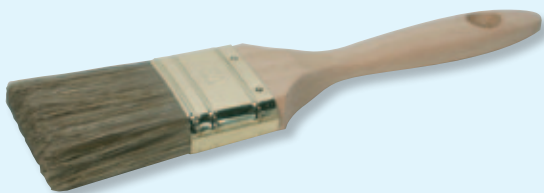

light PBT/natural bristle mix, untreated wooden handle, approx. 90% tops

| | | | |
|-----------|---------|----|-----|
| 25 mm | 016.110 | 12 | 120 |
| vbl 45 mm | | | |
| 35 mm | 016.115 | 12 | 120 |
| vbl 51 mm | | | |
| 50 mm | 016.120 | 12 | 120 |
| vbl 56 mm | | | |
| 60 mm | 016.125 | 12 | 120 |
| vbl 63 mm | | | |
| 70 mm | 016.130 | 12 | 120 |
| vbl 70 mm | | | |
| 100 mm | 016.140 | 12 | 60 |
| vbl 70 mm | | | |

Flat Brush Master Quality 6th grade


PBT bristle, for water based products, plastic handle

| | | | |
|-----------|---------|----|-----|
| 20 mm | 016.520 | 12 | 120 |
| vbl 45 mm | | | |
| 25 mm | 016.525 | 12 | 120 |
| vbl 45 mm | | | |
| 35 mm | 016.535 | 12 | 120 |
| vbl 45 mm | | | |
| 50 mm | 016.550 | 12 | 120 |
| vbl 45 mm | | | |
| 60 mm | 016.560 | 12 | 120 |
| vbl 45 mm | | | |
| 70 mm | 016.570 | 12 | 120 |
| vbl 45 mm | | | |
| 100 mm | 016.599 | 12 | 60 |
| vbl 50 mm | | | |

Flat Brush Master Quality 10th grade


for water based products, high quality orel-mix bristles, wooden handle

| | | | |
|-----------|---------|---|----|
| 30 mm | 016.830 | 6 | 60 |
| vbl 50 mm | | | |
| 40 mm | 016.840 | 6 | 60 |
| vbl 50 mm | | | |
| 50 mm | 016.850 | 6 | 60 |
| vbl 50 mm | | | |
| 60 mm | 016.860 | 6 | 60 |
| vbl 50 mm | | | |
| 80 mm | 016.880 | 6 | 60 |
| vbl 50 mm | | | |

Round Brush Economy


light Chines bristles, short, white rope, 60% tops

| | | | |
|--------------------|---------|----|-----|
| size 2 | 017.002 | 12 | 120 |
| Ø 20 mm, vbl 35 mm | | | |
| size 4 | 017.004 | 12 | 120 |
| Ø 25 mm, vbl 35 mm | | | |
| size 6 | 017.006 | 12 | 120 |
| Ø 30 mm, vbl 35 mm | | | |
| size 8 | 017.008 | 12 | 120 |
| Ø 35 mm, vbl 35 mm | | | |
| size 10 | 017.010 | 12 | 120 |
| Ø 40 mm, vbl 40 mm | | | |
| size 12 | 017.012 | 12 | 120 |
| Ø 45 mm, vbl 40 mm | | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Round Brush Standard Quality



light PBT/natural bristle mix, approx. 90% tops

| | | | |
|-------------------------------|---------|----|-----|
| size 2 Ø 20 mm, vbl 65 mm | 017.202 | 12 | 120 |
| size 4 Ø 25 mm, vbl 65 mm | 017.204 | 12 | 120 |
| size 6 Ø 30 mm, vbl 75 mm | 017.206 | 12 | 120 |
| size 8 Ø 35 mm, vbl 80 mm | 017.208 | 12 | 120 |
| size 10 Ø 40 mm, vbl 85 mm | 017.210 | 12 | 120 |
| size12 Ø 45 mm, vbl 85 mm | 017.212 | 12 | 60 |

Round Brush Master Quality



black PBT/natural bristle mix, approx. 90% tops

| | | | |
|-------------------------------|---------|----|-----|
| size 2 Ø 20 mm, vbl 60 mm | 018.002 | 12 | 120 |
| size 4 Ø 25 mm, vbl 65 mm | 018.004 | 12 | 120 |
| size 6 Ø 30 mm, vbl 70 mm | 018.006 | 12 | 120 |
| size 8 Ø 35 mm, vbl 75 mm | 018.008 | 12 | 120 |
| size 10 Ø 40 mm, vbl 80 mm | 018.010 | 12 | 120 |
| size12 Ø 45 mm, vbl 85 mm | 018.012 | 6 | 60 |

Enamel Brush



light natural bristle

| | | | |
|------------------------------|---------|----|-----|
| size 1 Ø 12 mm, vbl 28 mm | 017.101 | 12 | 120 |
| size 2 Ø 14 mm, vbl 28 mm | 017.102 | 12 | 120 |

Niche-, Angle-, Ship- or Tuber-Brush



PBT/natural bristle mix

| | | | |
|-------------------------------|---------|---|----|
| size 8 Ø 35 mm, vbl 45 mm | 019.035 | 3 | 12 |
| size 10 Ø 40 mm, vbl 45 mm | 019.040 | 3 | 12 |
| size 12 Ø 45 mm, vbl 47 mm | 019.045 | 3 | 12 |
| size 14 Ø 50 mm, vbl 55 mm | 019.050 | 3 | 12 |
| size 16 Ø 55 mm, vbl 55 mm | 019.055 | 3 | 12 |

Handle for Niche-, Angle-, Ship-, or Tuber Brush



| | | | |
|---------|---------|---|--|
| wood | 019.001 | 1 | |
| plastic | 019.002 | 1 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Dabbing Brush



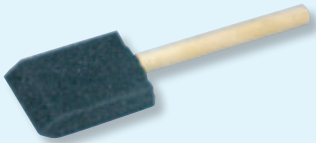
round brush with 40mm long stiff bristles to avoid air bubbles in areas which cannot be reached by roller

size 10
Ø 40 mm, vbl 28 mm

019.140

3

Foam Brush



with untreated wooden handle

2"

019.220

3

Dusting Brush



pure light china bristles, in row vulcanized, untreated wooden handle, vbl 57mm

17 cm

014.055

3

12

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|---|---|------------|------------|-------------|------------|-------------|
| Wallpapering Brush  | untreated wooden body | | | | | |
| | synthetic bristles 20x6 cm | 020.020 | 2 | | | |
| | pure horse hair 23,5x6 cm | 020.021 | 1 | | | |
| Paper Hanging Brush  | synthetic bristle, punched in bundles, untreated wooden handle, handle with hole | | | | | |
| | 30x2,5 cm | 020.030 | 3 | | | |
| Wallpaper Trowel  | plastic, trapezoid-shaped, conical round edge | | | | | |
| | | 19.410.023 | 3 | | | |
| Wallpaper Roller  | conical form, smooth surface, with plastic handle | | | | | |
| | 3,5 cm | 19.420.035 | 3 | | | |
| | barrel form, ripped surface, with plastic handle | | | | | |
| | 4,5 cm | 19.420.045 | 3 | | | |
| Wallpaper Roller  | very soft rubber, plastic handle | | | | | |
| | 4 cm | 19.401.005 | 3 | | | |
| | 14,5 cm | 19.401.015 | 3 | | | |
| | medium soft rubber, plastic handle | | | | | |
| | 4 cm | 19.491.005 | 3 | | | |

Product

Details

RefNr

Sales Unit

€ piece/pair

Sales Unit € piece/pair

Vestan Set Economy



**Pile weight approx. 715g/m²,
coreØ 42 mm,
incl. handle Ø 6 mm and paint grid**

18 cm
25 cm

10.918.018
10.925.018

25
25

**Vestan Primer Roller Pile 18mm
Pile 18mm**



**Pile weight approx. 1000g/m²,
coreØ 48 mm**

18 cm
25 cm
40 cm
50 cm

10.018.001
10.000.001
10.040.001
10.050.001

10
10
1
1

100
100
10
10

**Vestan Primer Roller, padded 4 mm
Pile 18 mm**



**Pile weight approx. 1400g/m²,
coreØ 48 mm**

18 cm
25 cm

10.018.002
10.000.002

10
10

100
100

**Acryl Universal Roller
Pile 18 mm**



for primer and sealant, green, coreØ 48 mm

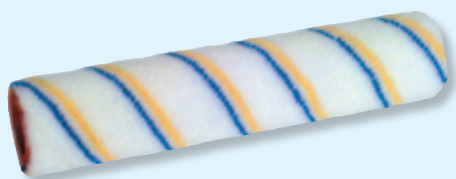
25 cm

10.900.001

10

100

**Nylon Top Coat Roller Premium
Pile 6 mm**



with blue/yellow thread, for sealing of smooth surfaces, fuzz-free, solvent resistant, coreØ 48 mm

| | | | |
|------------------------------------|------------|----|-----|
| 12 cm | 10.112.006 | 10 | 100 |
| 18 cm | 10.118.006 | 10 | 100 |
| 25 cm | 10.100.006 | 10 | 100 |
| 50 cm | 10.150.006 | 1 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 5 cm | 15.105.006 | 10 | 100 |
| 10 cm | 15.110.006 | 10 | 100 |
| 15 cm | 15.150.006 | 10 | 100 |
| Midi Roller coreØ 30 mm | | | |
| 12,5 cm | 15.125.006 | 10 | 100 |

**Nylon Top Coat Roller Premium
Pile 8 mm**



with blue/blue thread, for sealing of smooth surfaces, fuzz-free, solvent resistant, coreØ 48 mm

| | | | |
|------------------------------------|------------|----|-----|
| 18 cm | 10.118.008 | 10 | 100 |
| 25 cm | 10.100.008 | 10 | 100 |
| 40 cm | 10.140.008 | 1 | 10 |
| 50 cm | 10.150.008 | 1 | 10 |
| 60 cm | 10.160.008 | 1 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 5 cm | 15.105.008 | 10 | 100 |
| 10 cm | 15.110.008 | 10 | 100 |
| 15 cm | 15.150.008 | 10 | 100 |
| Midi Roller coreØ 30 mm | | | |
| 10 cm | 15.125.008 | 10 | 100 |

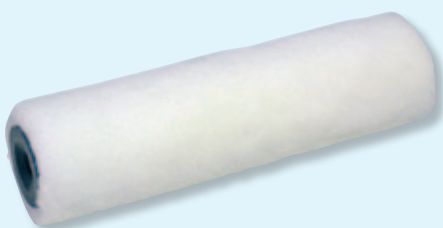
**Nylon Top Coat Roller Premium
Pile 8 mm**



with black/green thread, for sealing of smooth surfaces, solvent resistant, coreØ 48 mm

| | | | |
|-------|------------|----|-----|
| 25 cm | 10.101.008 | 10 | 100 |
|-------|------------|----|-----|

**Nylon Top Coat Roller Premium
Pile 12 mm**



for sealing of smooth and slight rough surfaces, fuzz-free, solvent resistant, coreØ 48 mm

| | | | |
|---|------------|----|-----|
| 12 cm | 10.112.012 | 10 | 100 |
| 18 cm | 10.118.012 | 10 | 100 |
| 25 cm | 10.100.012 | 10 | 100 |
| 40 cm | 10.140.012 | 1 | 10 |
| 50 cm | 10.150.012 | 1 | 10 |
| Nylon Radiator Roller core Pile 12 mm, weiß, KernØ 17 mm | | | |
| 10 cm | 15.110.012 | 10 | 100 |
| 15 cm | 15.150.012 | 10 | 100 |
| Midi Roller coreØ 30 mm | | | |
| 10 cm | 15.125.012 | 10 | 100 |

Product

Details

RefNr

Sales Unit

€ piece/pair

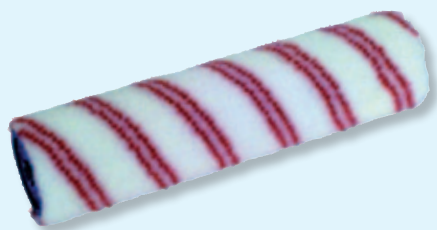
Sales Unit

€ piece/pair

Nylon Top Coat Roller Premium
Pile 14 mm

with blue thread, for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant, coreØ 48 mm

| | | | |
|------------------------------------|------------|----|-----|
| 18 cm | 10.118.014 | 10 | 100 |
| 25 cm | 10.100.014 | 10 | 100 |
| 40 cm | 10.140.014 | 1 | 10 |
| 50 cm | 10.150.014 | 1 | 10 |
| 60 cm | 10.160.014 | 1 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 5 cm | 15.105.014 | 10 | 100 |
| 10 cm | 15.110.014 | 10 | 100 |
| 15 cm | 15.150.014 | 10 | 100 |
| extra cleaned (brushed) | | | |
| 10 cm | 15.110.114 | 10 | 100 |
| Midi Roller coreØ 30 mm | | | |
| 10 cm | 15.125.014 | 10 | 100 |

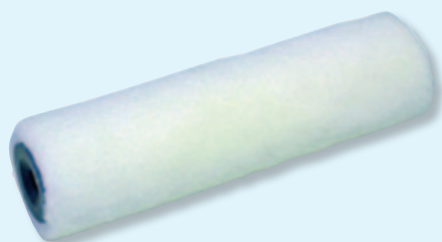
Nylon Top Coat Roller Economy
Pile 14 mm

for sealing of smooth and rough(sanded) surfaces, solvent resistant, coreØ 48 mm

| | | | |
|-------|------------|----|-----|
| 18 cm | 10.119.014 | 10 | 100 |
| 25 cm | 10.101.014 | 10 | 100 |
| 50 cm | 10.151.014 | 1 | 10 |
| 60 cm | 10.161.014 | 1 | 10 |

Nylon Top Coat Roller Premium
Pile 18 mm

for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant, coreØ 48 mm

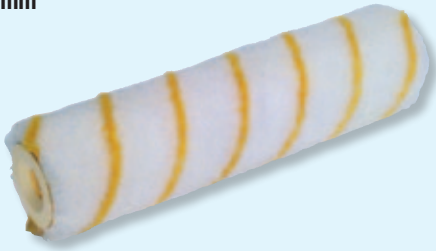
| | | | |
|-------|------------|----|-----|
| 18 cm | 10.118.018 | 10 | 100 |
| 25 cm | 10.100.018 | 10 | 100 |
| 40 cm | 10.140.018 | 1 | 10 |
| 50 cm | 10.150.018 | 1 | 10 |

Nylon Top Coat Roller Economy
Pile 18 mm

for sealing of smooth and rough(sanded) surfaces, solvent resistant, coreØ 48 mm

| | | | |
|-------|------------|----|-----|
| 18 cm | 10.119.018 | 10 | 100 |
| 25 cm | 10.101.018 | 10 | 100 |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

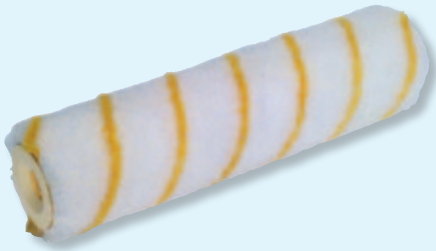
**Polyamide Top Coat Roller Premium
Pile 13 mm**



especially suitable for water based products, for sealing of smooth and rough(sanded) surfaces, coreØ 48 mm

| | | | |
|-----------------------------|------------|----|-----|
| 18 cm | 10.218.013 | 3 | 10 |
| 25 cm | 10.200.013 | 3 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 10 cm | 15.310.013 | 10 | 100 |
| 15 cm | 15.315.013 | 10 | 100 |
| Midi Roller coreØ 30 mm | | | |
| 10 cm | 15.312.013 | 10 | 100 |

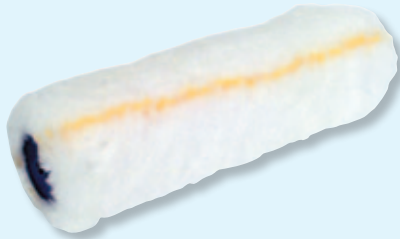
**Polyamide Top Coat Roller Premium
Pile 18 mm**



especially suitable for water based products, for sealing of smooth and rough(sanded) surfaces, coreØ 48 mm

| | | | |
|-------|------------|---|----|
| 18 cm | 10.218.018 | 3 | 10 |
| 25 cm | 10.200.018 | 3 | 10 |

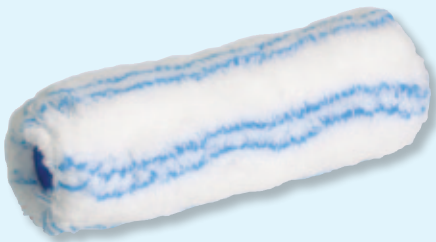
**Polyamide Top Coat Roller Premium, padded 4 mm
Pile 18 mm**



twined pile, tops roughened, coreØ 48 mm, padded, totalØ 106 mm

| | | | |
|-------|------------|---|----|
| 18 cm | 10.218.002 | 3 | 10 |
| 25 cm | 10.200.002 | 3 | 10 |

**Polyamide Facade Roller Premium, padded 8 mm
Pile 21 mm**



twined pile, tops roughened, coreØ 48 mm, padded, totalØ 106 mm


| | | | |
|-------|------------|---|----|
| 18 cm | 10.218.021 | 3 | 10 |
| 25 cm | 10.200.021 | 3 | 10 |

**Polyamide Facade Roller Premium, padded 12 mm
Pile 21 mm**



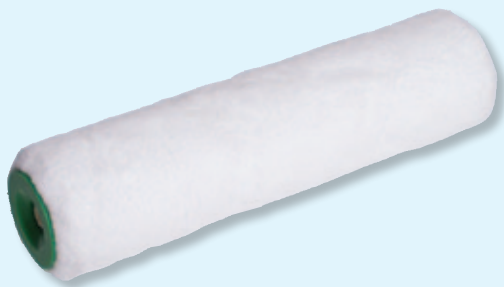
twined pile, tops roughened, coreØ 48 mm, padded, totalØ114 mm

| | | | |
|-------|------------|---|----|
| 18 cm | 10.288.021 | 3 | 10 |
| 25 cm | 10.285.021 | 3 | 10 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Polyester Roller Pile 18 mm  | weaved pile especially suitable for low viscosity products, coreØ 48 mm | | | | | |
| | 18 cm | 10.818.018 | 3 | | 10 | |
| | 25 cm | 10.825.018 | 3 | | 10 | |
| Polyester Roller, padded 8 mm Pile 21 mm  | weaved pile especially suitable for low viscosity products, padded 8 mm, coreØ 48 mm | | | | | |
| | 18 cm | 10.848.018 | 3 | | 10 | |
| | 25 cm | 10.845.018 | 3 | | 10 | |
| Mohair Roller Pile 5 mm  | Goat hair roller, coreØ 48 mm | | | | | |
| | 18 cm | 10.318.001 | 3 | | 10 | |
| | 25 cm | 10.300.001 | 3 | | 10 | |
| | 40 cm | 10.300.040 | 1 | | 10 | |
| | 50 cm | 10.300.050 | 1 | | 10 | |
| | 60 cm | 10.300.060 | 1 | | 10 | |
| | Radiator Roller coreØ 17 mm | | | | | |
| | 10 cm | 15.410.005 | 10 | | 100 | |
| 15 cm | 15.415.005 | 10 | | 100 | | |
| Velour Roller Pile 5 mm  | wool roller 100%, coreØ 48 mm | | | | | |
| | 18 cm | 10.418.001 | 3 | | 10 | |
| | 25 cm | 10.400.001 | 3 | | 10 | |
| | 40 cm | 10.400.040 | 1 | | 10 | |
| | 50 cm | 10.400.050 | 1 | | 10 | |
| | 60 cm | 10.400.060 | 1 | | 10 | |
| | Heizkörperwalze KernØ 17 mm | | | | | |
| | 10 cm | 15.510.005 | 10 | | 100 | |
| 15 cm | 15.515.005 | 10 | | 100 | | |
| Lambskin Roller Premium Pile 20 mm  | coreØ 48 mm | | | | | |
| | 18 cm | 10.518.001 | 3 | | 10 | |
| | 25 cm | 10.525.001 | 3 | | 10 | |

Microfibre Roller Premium

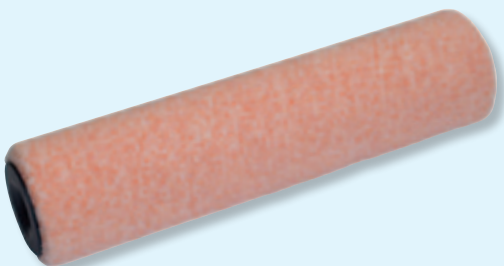
especially suitable for low viscosity products, fuzz- and fluff free , both ends chamfered, coreØ 48 mm



| Product | RefNr | Sales Unit | €piece/pair |
|-----------------------------|------------|------------|-------------|
| Pile 6 mm | | | |
| 18 cm | 10.618.006 | 3 | 10 |
| 25 cm | 10.625.006 | 3 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 10 cm | 15.610.006 | 10 | 100 |
| Pile 8 mm | | | |
| 18 cm | 10.618.008 | 3 | 10 |
| 25 cm | 10.625.008 | 3 | 10 |
| 40 cm | 10.640.008 | 1 | 10 |
| 50 cm | 10.650.008 | 1 | 10 |
| 60 cm | 10.660.008 | 1 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 10 cm | 15.610.008 | 10 | 100 |
| 15 cm | 15.615.008 | 10 | 100 |
| Pile 11 mm | | | |
| 18 cm | 10.618.011 | 3 | 10 |
| 25 cm | 10.625.011 | 3 | 10 |
| 40 cm | 10.640.011 | 1 | 10 |
| 50 cm | 10.650.011 | 1 | 10 |
| 60 cm | 10.660.011 | 1 | 10 |
| 70 cm | 10.670.011 | 1 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 10 cm | 15.610.011 | 10 | 100 |
| Pile 15 mm | | | |
| 25 cm | 10.625.015 | 3 | 10 |

Microfibre-Mix Roller Premium

especially suitable for low viscose products, fuzz- and fluff free, achieves a very smooth surface, both ends chamfered, coreØ 48 mm



| Product | RefNr | Sales Unit | €piece/pair |
|-----------------------------|------------|------------|-------------|
| Pile 6 mm | | | |
| 18 cm | 10.668.006 | 3 | 10 |
| 25 cm | 10.665.006 | 3 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 5 cm | 15.660.506 | 10 | 100 |
| 10 cm | 15.660.006 | 10 | 100 |
| 15 cm | 15.666.006 | 10 | 100 |
| Pile 10 mm | | | |
| 18 cm | 10.668.010 | 3 | 10 |
| 25 cm | 10.665.010 | 3 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 5 cm | 15.660.510 | 10 | 100 |
| 10 cm | 15.660.010 | 10 | 100 |
| 15 cm | 15.666.010 | 10 | 100 |
| Pile 16 mm | | | |
| 18 cm | 10.668.016 | 3 | 10 |
| 25 cm | 10.665.016 | 3 | 10 |

Microfibre Special Roller Premium

especially suitable for 2 comp. resins, fuzz- and fluff free, both ends chamfered, coreØ 48 mm

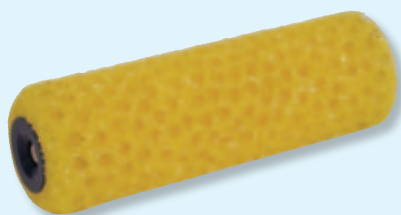


| Product | RefNr | Sales Unit | €piece/pair |
|-----------------------------|------------|------------|-------------|
| Pile 11 mm | | | |
| 25 cm | 10.685.011 | 3 | 10 |
| Radiator Roller coreØ 17 mm | | | |
| 10cm | 15.680.011 | 10 | 100 |
| Pile 18 mm | | | |
| 25 cm | 10.685.018 | 3 | 10 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--|------------|------------|--------------|------------|--------------|
| Polyester Foam Roller fine  | core Ø48 mm | | | | | |
| | chamfered one side 25 cm | 10.500.001 | 1 | 10 | | |
| | chamfered both sides 25 cm | 10.500.011 | 1 | 10 | | |
| | chamfered both sides 50 cm | 10.550.001 | 1 | 10 | | |
| | 100 cm on request | 10.510.001 | 1 | | | |
| | Radiator Roller, coreØ 17 mm | | | | | |
| | 5 cm | 15.605.001 | 10 | 100 | | |
| | 10 cm | 15.600.001 | 10 | 100 | | |
| | Radiator Roller, super fine foam, coreØ 17 mm | | | | | |
| | 5 cm | 15.606.001 | 10 | 100 | | |
| | 10 cm | 15.601.101 | 10 | 100 | | |
| | chamfered one side, coreØ 17 mm | | | | | |
| | 5 cm | 15.605.101 | 10 | 100 | | |
| chamfered both sides | | | | | | |
| 10 cm | 15.601.101R | 10 | 100 | | | |
| chamfered one side | | | | | | |
| 10 cm | 15.601.101ER | 10 | 100 | | | |
| Radiator Foam Roller With Groove  | no roller marks, super fine foam, coreØ 17 mm | | | | | |
| | 10 cm | 15.601.110 | 10 | 100 | | |
| Medium Coarse Foam Roller  | yellow, medium coarse, coreØ 48 mm | | | | | |
| | chamfered one side 25 cm | 10.500.002 | 1 | 10 | | |
| | chamfered both sides 25 cm | 10.500.012 | 1 | 10 | | |
| | 50 cm | 10.550.002 | 1 | 10 | | |
| Coarse Foam Roller  | yellow, coarse, coreØ 48 mm | | | | | |
| | chamfered one side 25 cm | 10.500.003 | 1 | 10 | | |
| | chamfered both sides 25 cm | 10.500.013 | 1 | 10 | | |
| | 50 cm | 10.550.003 | 1 | 10 | | |
| | 100 cm on request | 10.500.100 | 1 | | | |
| | Radiator Roller coreØ 17 mm | | | | | |
| | 10 cm | 15.600.002 | 10 | 100 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Burnt Coarse Foam Roller



yellow, coarse foam, chamfered both sides for seamless working, coreØ 48 mm

| | | | |
|-------|------------|---|----|
| 25 cm | 10.700.001 | 1 | 10 |
| 50 cm | 10.750.001 | 1 | |

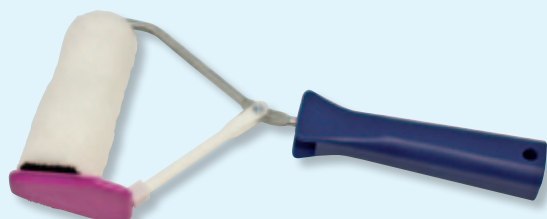
Flocked Polyester Foam Roller



superfine foam, flocked, coreØ 48 mm

| | | | |
|-------------------------------|------------|----|-----|
| chamfered one side | | | |
| 18 cm | 10.726.018 | 1 | 10 |
| 25 cm | 10.726.025 | 1 | 10 |
| Radiator Roller coreØ17 mm | | | |
| 10 cm | 15.610.000 | 10 | 100 |
| chamfered both sides | | | |
| 18 cm | 10.725.018 | 1 | 10 |
| 25 cm | 10.725.025 | 1 | 10 |

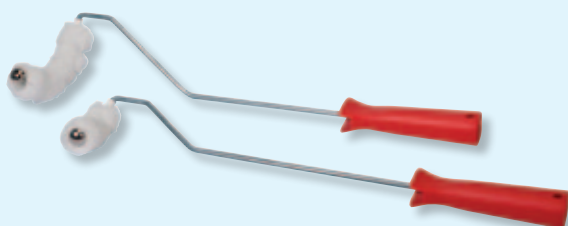
Linomat Patent Roller



Polyamide Roller with edge protection incl. handle, for quick and easy colour separation and limiting, suitable for every substrate (in- and outside)

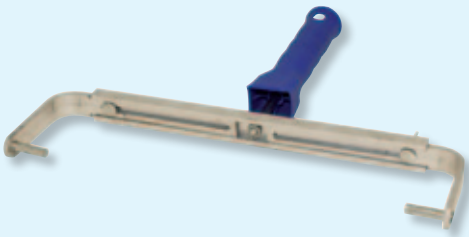
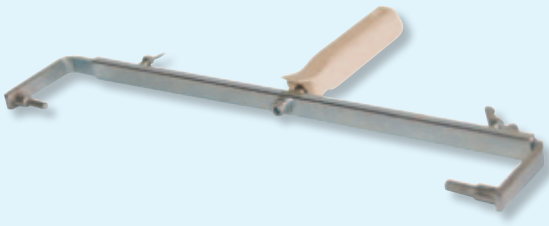


| | | | |
|--------------------------|------------|---|----|
| 10 cm | 18.100.010 | 1 | 10 |
| replacement roller 10 cm | 18.110.010 | 1 | 10 |
| replacement plate | 18.120.000 | 1 | 10 |

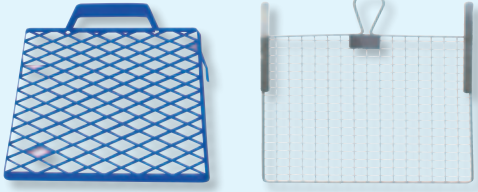
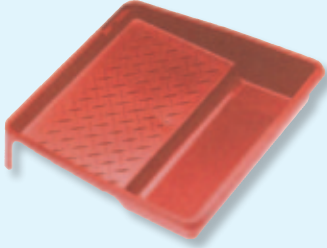

Pipe roller



polyamide pile, with handle, for quick and easy painting of pipes

| | | | |
|------------------------------------|------------|---|--|
| pipes with Ø60 mm | 15.700.060 | 1 | |
| replacement roller Ø60 mm | 15.710.060 | 1 | |
| pipes with Ø100 mm (25cm) | 15.700.100 | 1 | |
| replacement roller 100 mm | 15.710.100 | 1 | |
| pipes with Ø200 mm | 10.785.025 | 1 | |
| replacement roller Ø200 mm (25 cm) | 10.785.225 | 1 | |

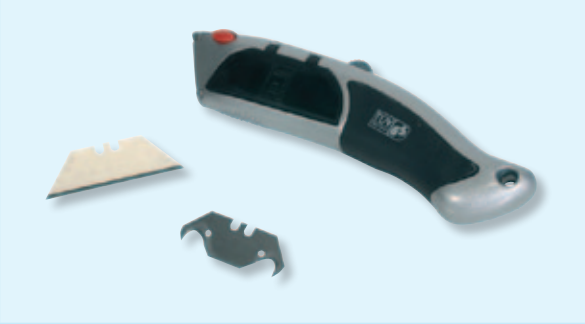
| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Roller Handle Economy  | fits roller | | | | | |
| | 32-50 cm | 15.900.040 | 1 | | | |
| Roller Handle Professional  | fits roller | | | | | |
| | 40-60 cm | 15.900.050 | 1 | | | |
| Roller Handle Ø8 mm  | fits roller | | | | | |
| | 7 cm | 15.900.807 | 5 | | 20 | |
| | 12 cm | 15.900.812 | 5 | | 20 | |
| | 18 cm | 15.900.818 | 5 | | 20 | |
| | 25 cm | 15.900.825 | 5 | | 20 | |
| Roller Handle XXXL  | fits roller | | | | | |
| | 50 cm | 15.900.250 | 1 | | | |
| | 70 cm | 15.900.070 | 1 | | | |
| | 100 cm | 15.900.100 | 1 | | | |
| Radiator Roller Handle Ø 6 mm  | length | | | | | |
| | 28 cm | 15.910.028 | 5 | | 20 | |
| | 40 cm | 15.910.040 | 5 | | 20 | |
| | 55 cm | 15.910.055 | 5 | | 20 | |
| | for 5 cm wide Radiator Roller 15 cm | 15.910.005 | 5 | | 10 | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--|------------|------------|--------------|------------|--------------|
| Grid  | plastic 18x21 cm | 10.900.210 | 10 | | | |
| | plastic 27x29 cm | 10.900.290 | 10 | | | |
| | metal 26x30 cm | 10.900.300 | 10 | | | |
| Paint Tray  | plastic PP solvent resistant, stackable 15x29 cm | 10.910.329 | 10 | | | |
| | 31x35 cm | 10.910.350 | 10 | | | |
| | 31x47 cm | 10.910.470 | 10 | | | |
| Paint Bucket  | solvent resistant, stackable, 12 Litre 38x26x20 cm | 10.920.012 | 5 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Scissor  | Economy (Import) stainless 11" | 30.206.011 | 1 | | | |
| Scissor  | Professional (Made in Solingen-Germany) stainless 11" | 30.205.011 | 1 | | | |
| Scissor with micro teeth  | particularly suitable for fiberglass, total length 10" / 260mm, weight 330 gr 10" | 30.207.011 | 1 | | | |
| Cutter Knife  | pistol handle, with snap-off blade blade width 18 mm | 40.000.000 | 12 | | 48 | |
| Cutter Knife with metal guideline  | with snap-off blade blade width 18 mm | 40.000.400 | 12 | | | |
| Cutter Knife with metal guideline and lock wheel  | with snap-off blade blade width 18 mm | 40.000.200 | 24 | | | |
| Replacement Blade  | blade width 18 mm 10 blades per box price per box | 40.000.001 | 1 | | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Automatic Knife



incl. 10 trapezoidal knives, blade change trough button, automatically blade transport, suitably also for hook blades

| | | | |
|------------|---|--|--|
| 40.000.010 | 1 | | |
|------------|---|--|--|

Replacement Blade



10 blades per box price per box, Trapezoidal blades for automatic knife

| | | | |
|------------|---|--|--|
| 40.000.011 | 1 | | |
|------------|---|--|--|

Replacement Blade



10 blades per box price per box, Hook blades for automatic knife

| | | | |
|------------|---|--|--|
| 40.000.012 | 1 | | |
|------------|---|--|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Tin Snips


right

29.740.410

1

Bolt Cutter


450 mm

29.744.450

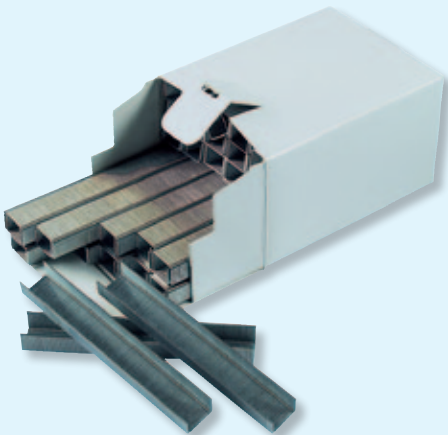
1

Allround Hand hammer Tacker

**with high punch,
for staples 4 - 8 mm**

29.410.001

1

Replacement staples

 Box with 6 mm staples 6000 pcs.
price per box

29.410.006

1

 Box with 8 mm staples 5000 pcs.
price per box

29.410.008

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Belgium Floor Trowel



stainless, unvarnished handle, blade thickness 1,1 mm

| | | | | |
|-------|------------|---|--|--|
| 30 cm | 20.903.030 | 1 | | |
| 45 cm | 20.903.050 | 1 | | |

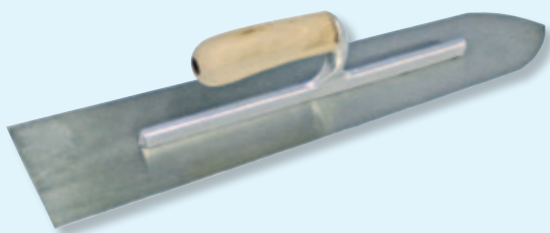
Swedish Floor Trowel



carbon steel, short bar for more flexibility, blade thickness 0,75mm

| | | | | |
|-------|------------|---|--|--|
| 50 cm | 20.902.150 | 1 | | |
| 60 cm | 20.902.160 | 1 | | |

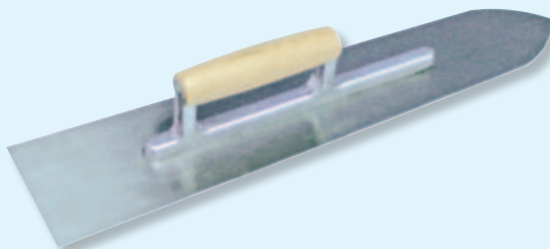
Screed Trowel open handle



stainless, unvarnished handle, long bar

| | | | | |
|-------------------------|------------|---|--|--|
| blade thickness 0,75 mm | | | | |
| 50 cm | 20.901.050 | 1 | | |
| 60 cm | 20.901.060 | 1 | | |
| chamfered edges | | | | |
| 50 cm | 20.901.150 | 1 | | |
| blade thickness 1,1 mm | | | | |
| 50 cm | 20.901.051 | 1 | | |
| 60 cm | 20.901.061 | 1 | | |
| chamfered edges | | | | |
| 50 cm | 20.901.151 | 1 | | |

Screed Trowel closed handle

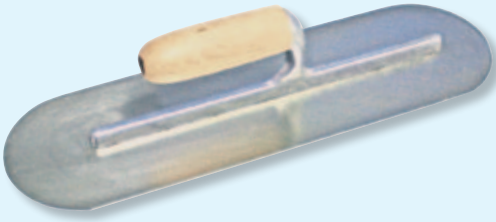
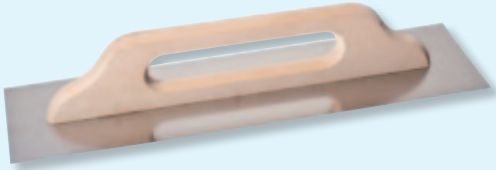
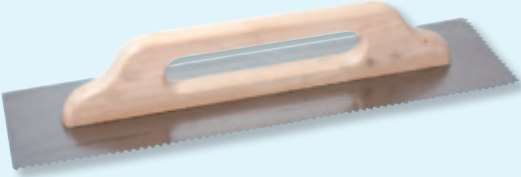
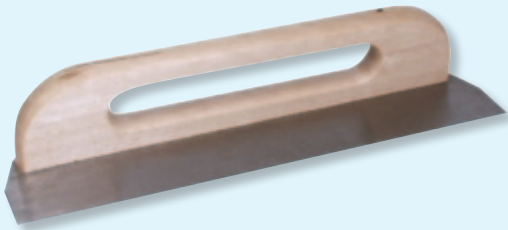



stainless, unvarnished handle, long bar

| | | | | |
|-------------------------|------------|---|--|--|
| blade thickness 0,75 mm | | | | |
| 50 cm | 20.905.007 | 1 | | |
| 60 cm | 20.905.067 | 1 | | |
| blade thickness 1,1 mm | | | | |
| 50 cm | 20.905.012 | 1 | | |
| 60 cm | 20.905.061 | 1 | | |

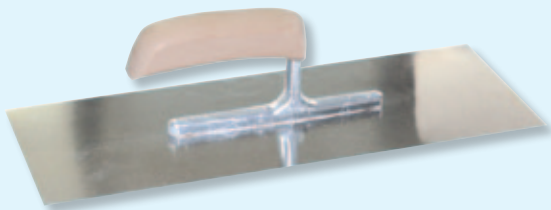
carbon steel, unvarnished handle, long bar

| | | | | |
|-------------------------|------------|---|--|--|
| blade thickness 0,75 mm | | | | |
| 50 cm | 20.900.007 | 1 | | |
| 60 cm | 20.900.067 | 1 | | |
| blade thickness 1,1 mm | | | | |
| 50 cm | 20.900.010 | 1 | | |
| 60 cm | 20.900.061 | 1 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Floor Trowel  | stainless, unvarnished handle, both sides rounded | | | | | |
| | blade thickness 0,75mm | | | | | |
| | 29,5cm | 20.903.041 | 1 | | | |
| | 42,5cm | 20.903.047 | 1 | | | |
| | blade thickness 1,1 mm | | | | | |
| | 42,5 cm | 20.903.042 | 1 | | | |
| Swiss Trowel  | stainless steel, blade thickness 0,75 mm, untreated wooden handle | | | | | |
| | 13x48 cm | 20.101.004 | 1 | | 20 | |
| | angefaste Kanten | 20.101.010 | 1 | | | |
| Toothed Swiss Trowel  | blade thickness 0,75 mm, untreated wooden handle, other toothings on request | | | | | |
| | V-shaped | | | | | |
| | 6 mm | 20.101.604 | 1 | | | |
| | Square | | | | | |
| | 3 mm | 20.101.314 | 1 | | | |
| | 4 mm | 20.101.414 | 1 | | | |
| | 5 mm | 20.101.514 | 1 | | | |
| | 6 mm | 20.101.614 | 1 | | | |
| | 10 mm | 20.101.014 | 1 | | | |
| | stainless steel | | | | | |
| 6 mm | 20.111.614 | 1 | | | | |
| U-shaped 32 | | | | | | |
| H=15 L=20 S=10 | 20.111.680 | 1 | | | | |
| Floor Spatula  | 30 cm | 20.904.030 | 1 | | | |
| | 40 cm | 20.904.040 | 1 | | | |
| | 50 cm | 20.904.050 | 1 | | | |
| | | | | | | |
| Trowel  | blade thickness 0,75mm, untreated wooden handle, 13x28 cm | | | | | |
| | carbon steel | 20.100.001 | 3 | | 30 | |
| | stainless steel | 20.101.001 | 3 | | 30 | |
| | stainless steel, chamfered edges | 20.101.128 | 3 | | 10 | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Trowel long version short bar



blade thickness 0,75mm, untreated wooden handle, short bar

| | | | | |
|----------------------------------|------------|---|--|--|
| 35 cm | | | | |
| carbon steel | 20.100.035 | 1 | | |
| stainless steel | 20.101.035 | 1 | | |
| stainless steel, chamfered edges | 20.101.135 | 1 | | |
| 40 cm | | | | |
| carbon steel | 20.100.040 | 1 | | |
| stainless steel | 20.101.040 | 1 | | |
| stainless steel, chamfered edges | 20.101.140 | 1 | | |

Trowel long version long bar



blade thickness 0,75mm, untreated wooden handle, long bar

| | | | | |
|----------------------------------|------------|---|--|--|
| 35 cm | | | | |
| carbon steel | 20.110.035 | 1 | | |
| stainless steel | 20.111.035 | 1 | | |
| stainless steel, chamfered edges | 20.111.135 | 1 | | |
| 40cm | | | | |
| carbon steel | 20.110.040 | 1 | | |
| stainless steel | 20.111.040 | 1 | | |
| stainless steel, chamfered edges | 20.111.140 | 1 | | |

American Trowel



blade thickness 0,75mm, untreated wooden handle, long bar

| | | | | |
|--------------|------------|---|--|--|
| 11,7x26,7 cm | 20.101.003 | 1 | | |
| 13x28 cm | 20.101.002 | 1 | | |

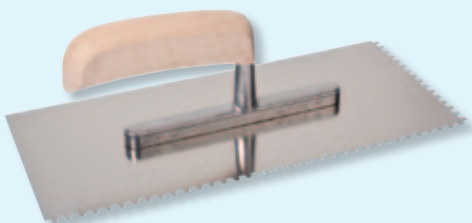
Mortar Trowel



Special Trowel for Resin Based Mortars, stainless, unvarnished handle

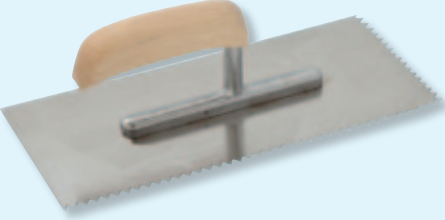
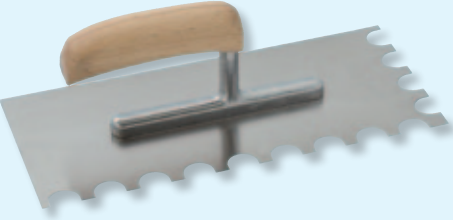




| | | | | |
|-------------------------|------------|---|--|--|
| blade thickness 0,75 mm | | | | |
| 7,5x35 cm | 20.101.005 | 1 | | |
| blade thickness 1,1 mm | | | | |
| 7,5x35 cm | 20.101.006 | 1 | | |

Toothed Trowel V-Shaped



stainless, blade thickness 0,75 mm, unvarnished handle, 60°, 13x28 cm

| | | | | |
|----------|------------|---|--|--|
| Notching | | | | |
| 3 mm | 20.202.003 | 3 | | |
| 4 mm | 20.202.004 | 3 | | |
| 6 mm | 20.202.006 | 3 | | |
| 8 mm | 20.202.008 | 3 | | |
| 10 mm | 20.202.010 | 3 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|---|------------|------------|--------------|------------|--------------|
| Toothed Trowel Square  | stainless, blade thickness 0,75 mm, unvarnished handle, tothing 90°, 13x28 cm | | | | | |
| | Notching | | | | | |
| | 3 mm | 20.201.003 | 3 | | | |
| | 4 mm | 20.201.004 | 3 | | | |
| | 6 mm | 20.201.006 | 3 | | | |
| | 8 mm | 20.201.008 | 3 | | | |
| | 10 mm | 20.201.010 | 3 | | | |
| | 12 mm | 20.201.012 | 3 | | | |
| Toothed Trowel U-Shaped  | stainless, blade thickness 0,75 mm, unvarnished handle, especially suitable for fixing large tiles | | | | | |
| | 13x28 cm | 20.205.680 | 1 | | | |
| Plastic Trowel  | plastic handle and plastic sheet 13x28 cm | | | | | |
| | blade thickness | | | | | |
| | 2 mm | 20.150.002 | 3 | | | |
| | 3 mm | 20.150.003 | 3 | | | |
| Joint Board  | for application of Epoxy resin to close the porous in colour quarz mortars, silicon free | | | | | |
| | hard | | | | | |
| | white surface | 25.300.030 | 1 | | | |
| | soft | | | | | |
| | green surface | 25.300.031 | 1 | | | |
| Brick Trowel  | stainless, untreated wooden handle, blade thickness 1,1 mm | | | | | |
| | 16 cm | 20.751.016 | 3 | | | |
| | 18 cm | 20.751.018 | 3 | | | |
| | carbon steel, varnished handle 18 cm | 20.750.018 | 3 | | | |
| Tilers Trowel  | stainless | | | | | |
| | heart shape 160x100 mm | 20.758.160 | 1 | | | |
| | South German shape 160x110/90mm | 20.758.164 | 1 | | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Plasterer Trowel



stainless, blade thickness 0,75 mm, untreated wooden handle

| | | | | |
|--------------|------------|---|--|--|
| 12 cm | 20.600.120 | 3 | | |
| 14 cm | 20.600.140 | 3 | | |
| carbon steel | | | | |
| 14 cm | 20.610.140 | 3 | | |

Margin Trowel



stainless, blade thickness 0,75 mm, untreated wooden handle

| | | | | |
|-------|------------|---|----|--|
| 3 cm | 20.800.003 | 3 | 20 | |
| 4 cm | 20.800.004 | 3 | 20 | |
| 5 cm | 20.800.005 | 3 | 20 | |
| 6 cm | 20.800.006 | 3 | 20 | |
| 8 cm | 20.800.008 | 3 | 20 | |
| 10 cm | 20.800.010 | 3 | 20 | |

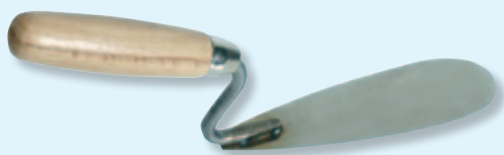
Cat's Tongue Trowel



stainless, blade thickness 0,75 mm, untreated wooden handle

| | | | | |
|-------|------------|---|--|--|
| 14 cm | 20.700.140 | 3 | | |
|-------|------------|---|--|--|

Tongue Trowel



stainless, blade thickness 0,75 mm, untreated wooden handle

| | | | | |
|-------|------------|---|--|--|
| 16 cm | 20.710.160 | 3 | | |
|-------|------------|---|--|--|

Mastic Trowel



with round neck, conical abraded, untreated wooden handle

| | | | | |
|-----------|------------|---|--|--|
| 180x10 mm | 20.720.010 | 1 | | |
| 180x12 mm | 20.720.012 | 1 | | |

Corner Trowel



stainless, blade thickness 0,75 mm, untreated wooden handle

| | | | | |
|--------------|------------|---|--|--|
| inner corner | 20.851.080 | 3 | | |
| outer corner | 20.852.080 | 3 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

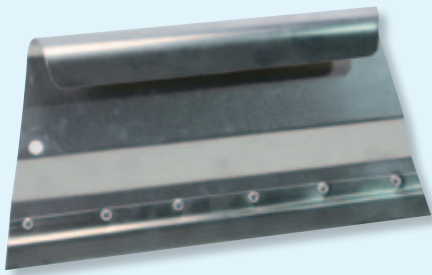
Floor Layer Trowel



Smoothing trowel with clamps to hold exchangeable toothed blades

| | | | | |
|--------------------------|------------|---|--|--|
| right handed 13x28 cm | 20.128.002 | 1 | | |
| left handed 13x28 cm | 20.128.003 | 1 | | |

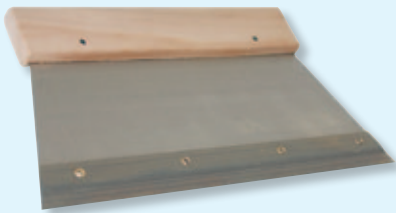
Adhesive Spreader



made of aluminium, fitted with clamps to hold exchangeable toothed blades

| | | | | |
|-------|------------|---|--|--|
| 28 cm | 20.128.100 | 1 | | |
|-------|------------|---|--|--|

Adhesive Spreader



trapezoidal shape, made of spring band steel, with riveted handle and clamps to hold exchangeable toothed blades

| | | | | |
|-----------------------|------------|---|--|--|
| carbon steel 18 cm | 20.128.018 | 1 | | |
| 28 cm | 20.128.000 | 1 | | |
| stainless 18 cm | 20.128.118 | 1 | | |
| 28 cm | 20.128.128 | 1 | | |

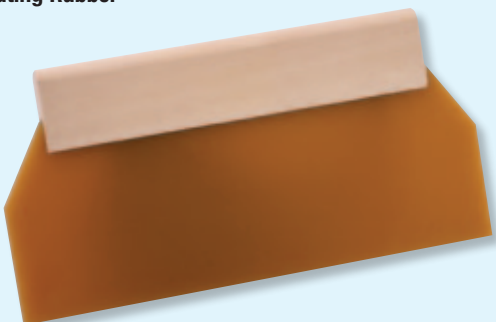
Pore Spatula



with wooden back and translucent rubber

| | | | | |
|-------|------------|---|--|--|
| 25 cm | 25.500.025 | 1 | | |
|-------|------------|---|--|--|

Grouting Rubber



with wooden back and 8 mm thick special PU. for spreading resins on colour quartz mortars

| | | | | |
|-------|------------|---|--|--|
| 25 cm | 25.420.023 | 1 | | |
|-------|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Flex Duo Spatula



stainless, blade thickness 0,3 mm, screwed and untreated wooden handle

| | | | | |
|---------|------------|---|--|--|
| 15,5 cm | 20.129.155 | 1 | | |
| 20 cm | 20.129.200 | 1 | | |
| 27 cm | 20.129.270 | 1 | | |
| 30 cm | 20.129.300 | 1 | | |
| 35 cm | 20.129.350 | 1 | | |

Single Blade Spatula



Height 15 cm, waxed wooden handle

| | | | | |
|-------|------------|---|--|--|
| 20 cm | 20.130.020 | 1 | | |
| 30 cm | 20.130.030 | 1 | | |
| 40 cm | 20.130.040 | 1 | | |
| 50 cm | 20.130.050 | 1 | | |

Spatula Japanese Style



**11cm high,
Set with 5,8,10,12cm beam**

| | | | | |
|-----------|------------|---|--|----|
| stainless | 20.131.512 | 3 | | 10 |
| plastic | 20.131.614 | 3 | | 10 |

Painters Spatula Economy



blade thickness 0,4 mm, varnished handle, flexible sheet

| | | | | |
|-------|------------|---|--|----|
| 4 cm | 20.404.004 | 3 | | 12 |
| 6 cm | 20.404.006 | 3 | | 12 |
| 8 cm | 20.404.008 | 3 | | 12 |
| 10 cm | 20.404.010 | 3 | | 12 |

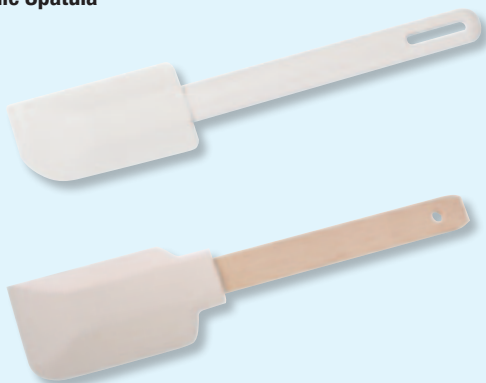
Painters Spatula Professional



blade thickness 0,75 mm, made from hardened steel, stronghold sheet, conical abraded, with wooden handle

| | | | | |
|------|------------|---|--|----|
| 4 cm | 20.402.114 | 3 | | 12 |
| 6 cm | 20.402.116 | 3 | | 12 |
| 7 cm | 20.402.117 | 3 | | 12 |
| 8 cm | 20.402.118 | 3 | | 12 |


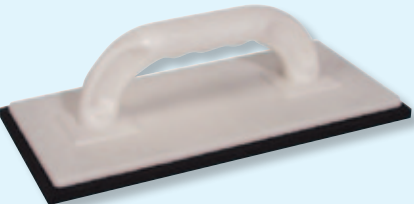
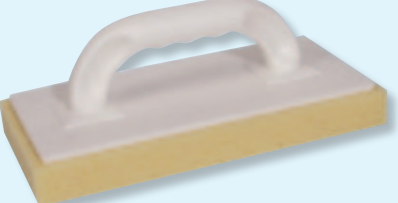
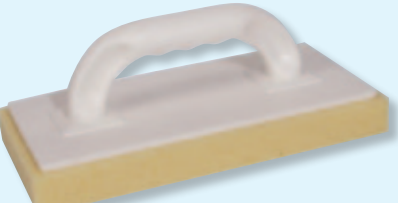


Profile Spatula


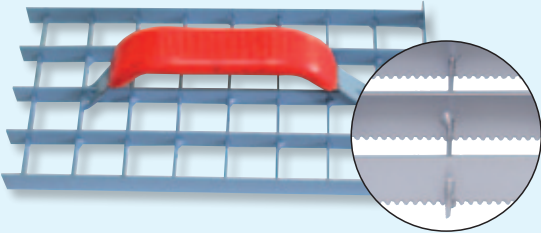


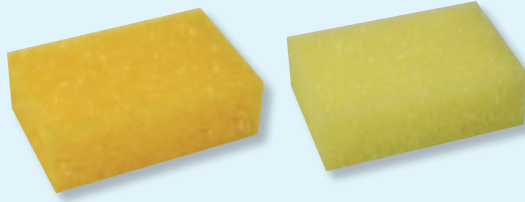



to generate a small fillet or to clean buckets

| | | | | |
|--|------------|---|--|--|
| length approx. 26 cm radius approx. 25 mm | 20.305.030 | 3 | | |
| with wooden handle length approx. 33 cm radius approx. 25 mm | 20.305.033 | 1 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|--------------------------|------------|--------------|------------|--------------|
| Concave and Triangle Trowel without edge  | made of special stainless steel, blade thickness 2 mm, non flexible, both ends bevelled by 45° r=40 mm | 20.302.045 | 1 | | | |
| Concave and Triangle Trowel with 5 mm edge  | made of special stainless steel, blade thickness 2 mm, non flexible, edge bevelled by 45° r=40 mm | 20.301.045 | 1 | | | |
| Round Trowel  | stainless, blade thickness 1,1 mm, length 250 mm r=30 mm r=50 mm | 20.304.030 20.304.050 | 1 1 | | | |
| Profile Trowel  | stainless, blade thickness 0,75 mm, length 250 mm r=30 mm r=50 mm | 20.304.031 20.304.051 | 1 1 | | | |
| Profile Trowel bevelled  | stainless, blade thickness 0,75 mm, length 250 mm, edge bevelled by 45° on both sides r=30 mm r=50 mm | 20.304.032 20.304.052 | 1 1 | | | |
| Triangle Trowel  | stainless, blade thickness 2 mm, edge bevelled by 45° on both sides edge length 30 mm edge length 40 mm | 20.303.030 20.303.040 | 1 1 | | | |

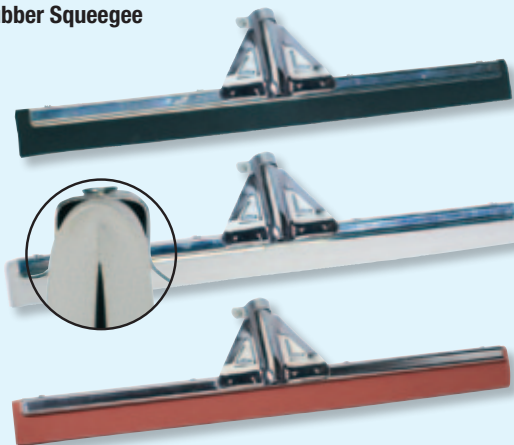
| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|-------------|------------|--------------|------------|--------------|
| Latex Float  | Abmessung 280x140 mm | | | | | |
| | thickness 20 mm | 20.150.090 | 1 | | | |
| | replacement plate | 20.150.091 | 3 | | | |
| Cellular Caoutchouc Float  | Dimension 280x140 mm | | | | | |
| | thickness 10 mm | 20.150.050 | 1 | | | |
| | replacement plate | 20.150.051 | 3 | | | |
| Hydro Sponge Float  | Dimension 280x140 mm | | | | | |
| | smoothed surface | | | | | |
| | thickness 30 mm | 20.150.060 | 1 | | | |
| | replacement hydrosponge | 20.150.061 | 3 | | | |
| | screened surface | | | | | |
| thickness 30 mm | 20.151.050 | 1 | | | | |
| replacement hydrosponge screened | 20.151.051 | 3 | | | | |
| „Hydro“ Sponge Float Velcro  | Dimension 280x140 mm | | | | | |
| | screened surface | | | | | |
| | thickness 30 mm | 20.151.060 | 1 | | | |
| | replacement | 20.151.061 | 3 | | | |
| Sponge Rubber Float  | Dimension 280x140 mm | | | | | |
| | structure: coarse | | | | | |
| | thickness 10 mm | 20.150.071 | 1 | | | |
| | 10 mm replacement coarse | 20.150.072 | 3 | | | |
| | 20 mm replacement fine | 20.150.082F | 3 | | | |
| 20 mm replacement coarse | 20.150.082G | 3 | | | | |
| PU Float  | particularly light, does not absorb water | | | | | |
| | 24x12 cm | 20.151.012 | 1 | | | |
| | 28x14 cm | 20.151.014 | 1 | | | |
| | 32x18 cm | 20.151.018 | 1 | | | |
| | 36x20 cm | 20.151.020 | 1 | | | |
| | 42x22 cm | 20.151.022 | 1 | | | |
| | 48x24 cm | 20.151.024 | 1 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Wooden Float  | multi-layered wood | | | | | |
| | 24x12 cm | 20.161.012 | 1 | | | |
| | 28x14 cm | 20.161.014 | 1 | | | |
| | 32x18 cm | 20.161.018 | 1 | | | |
| | 36x20 cm | 20.161.020 | 1 | | | |
| | 42x22 cm | 20.161.022 | 1 | | | |
| Floating Tool Rabot  | Dimension 285x140 mm, grid size 30x30 mm | | | | | |
| | smooth | 40.285.140 | 1 | | | |
| | toothed | 40.289.140 | 1 | | | |
| Viscose Sponge  | highly hygroscopic and high fluid absorption, chemical and acid resistant | | | | | |
| | 150x110x35 mm | 21.150.035 | 3 | | | |
| Hygroscopic Sponge  | for cleaning tiles after grouting, extreme hygroscopic foam | | | | | |
| | 165x110x65 mm | 21.160.070 | 3 | | | |
| Sponge for Epoxy  | for epoxy grouting, made of coarse foam | | | | | |
| | 150x100x50 mm | | | | | |
| | hard | 20.450.001 | 3 | | | |
| | extra hard | 20.450.002 | 3 | | | |
| Combi Sponge  | one side with hard and coarse-pored quality, other side with soft and fine-pored quality | | | | | |
| | 160x110x60 mm | 20.450.005 | 3 | | | |

Microcell rubber squeegee

with synthetic microcell rubber, with metal back and stick holder, also suitable for grounding and sealing

| | | | |
|-------|------------|---|----|
| 35 cm | 25.005.035 | 1 | 10 |
| 45 cm | 25.005.045 | 1 | 10 |
| 60 cm | 25.005.055 | 1 | 10 |

Rubber Squeegee

made of strong, 49 mm high, natural cell rubber, with splash protection, also suitable for grounding and sealing

| | | | |
|---|------------|---|----|
| black | | | |
| 55 cm | 25.000.060 | 1 | 10 |
| 80 cm | 25.000.080 | 1 | 10 |
| 100 cm | 25.000.100 | 1 | 10 |
| white | | | |
| 55 cm | 25.004.055 | 1 | 10 |
| red (with neoprene = more solid rubber) | | | |
| 55 cm | 25.003.055 | 1 | 10 |
| 75 cm | 25.003.075 | 1 | 10 |

Rubber Squeegee single blade

with 5 mm thick and 50 mm high hard rubber lip

| | | | |
|--------------------|------------|---|---|
| straight | | | |
| 45 cm | 25.100.045 | 1 | 6 |
| 61 cm | 25.100.060 | 1 | 6 |
| Replacement rubber | | | |
| black | 25.100.061 | 6 | |
| white | 25.100.062 | 6 | |

Rubber Squeegee single blade curved

for spreading resins on colour quarz mortars

| | | | |
|--------|------------|---|---|
| curved | | | |
| 61 cm | 25.100.070 | 1 | 6 |

Squeegee

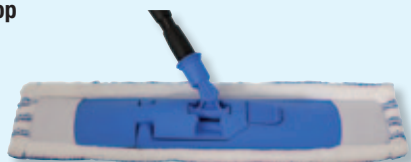
for spreading resins on colour quarz mortars

| | | | |
|-------|------------|---|--|
| 25 cm | 25.400.025 | 1 | |
|-------|------------|---|--|

Mop Carrier

to apply oil and wax

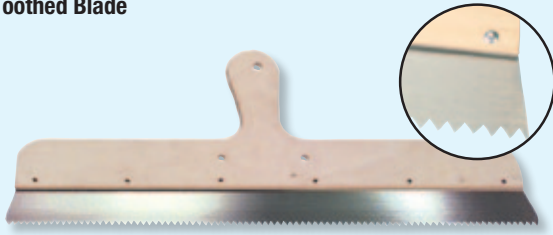
| | | | |
|------------------------|------------|---|--|
| incl. Handle and cloth | 43.140.040 | 1 | |
| replacement mop | 43.000.041 | 1 | |
| replacement handle | 43.000.040 | 1 | |

Floor Mop

to apply oil and wax

| | | | |
|--|------------|---|----|
| microfiber cloth incl. Telescopic handle (2x75 cm) | 43.100.010 | 1 | 10 |
| replacement cloth | 43.100.015 | 1 | 10 |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Toothed Blade

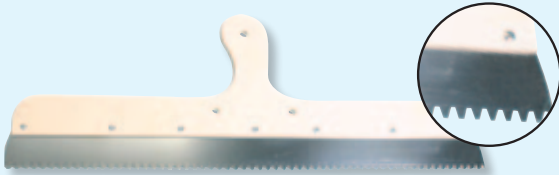


to apply synthetic resin coatings on standing

Toothing 4 mm 6 mm 7 mm 9 mm
blade thickness approx. 0,5-1,5 mm 1-2 mm 2-3 mm 3-4 mm

| Toothing | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|----------|------------|------------|--------------|------------|--------------|
| 4 mm | 20.000.004 | 1 | | 10 | |
| 6 mm | 20.000.006 | 1 | | 10 | |
| 7 mm | 20.000.007 | 1 | | 10 | |
| 9 mm | 20.000.009 | 1 | | 10 | |

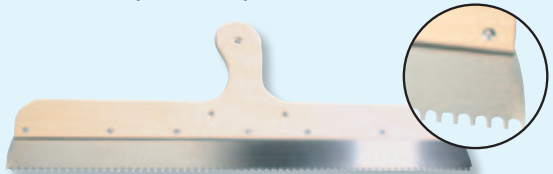
Toothed Blade (trapez)



8x7 mm (Depth x Distance), stainless, with drill holes for stick holder (Art. 30.300.028)

| | | | | | |
|-------|------------|---|--|----|--|
| 56 cm | 20.000.014 | 1 | | 10 | |
|-------|------------|---|--|----|--|

Toothed Blade (round arch)



4x6 mm (Depth x Distance), carbon steel, with drill holes for stick holder (Art. 30.300.028)

| | | | | | |
|-------|------------|---|--|----|--|
| 56 cm | 20.000.015 | 1 | | 10 | |
|-------|------------|---|--|----|--|

Scraper



blade thickness 0,5 mm, with wooden handle for stick holder (ref. 30.300.028)

| | | | | | |
|--------------|------------|---|--|----|--|
| carbon steel | | | | | |
| 40 cm | 20.000.040 | 1 | | 10 | |
| 50 cm | 20.000.050 | 1 | | 10 | |
| 60 cm | 20.000.060 | 1 | | 10 | |
| stainless | | | | | |
| 40 cm | 20.000.041 | 1 | | 10 | |
| 50 cm | 20.000.051 | 1 | | 10 | |
| 60 cm | 20.000.061 | 1 | | 10 | |

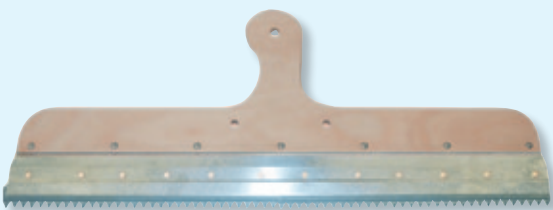
Scraper



bended for scratch coat application in standing position, with wooden handle and drill holes for stick holder (Art. 30.300.028)

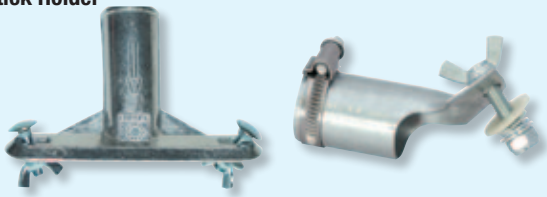



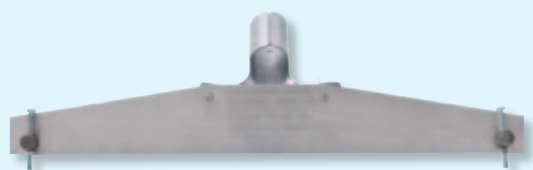



| | | | | | |
|-------|------------|---|--|----|--|
| 56 cm | 20.000.000 | 1 | | 10 | |
|-------|------------|---|--|----|--|

Scraper



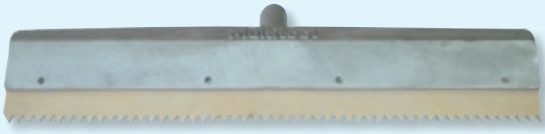
fitted with clamps to hold exchangeable toothed blades, with wooden handle and drill holes for stick holder (Art. 30.300.028)

| | | | | | |
|-------|------------|---|--|----|--|
| 56 cm | 20.056.000 | 1 | | 10 | |
|-------|------------|---|--|----|--|

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|---|--|------------|------------|-------------|------------|-------------|
| Stick Holder  | with wing screws for sticks Ø28 mm with link | 30.300.028 | 5 | | 10 | |
| | | 30.300.027 | 1 | | 5 | |
| Knee Adapter  | with American thread, fits only ref. 30.310.310 | 30.300.026 | 3 | | | |
| | | | | | | |
| Pin Scraper Economy  | made of extruded aluminium, the height adjustable steel blade allows a coating thickness up to 10 mm own weight approx. 0,9 kg 56 cm own weight approx. 1,83 kg 80 cm | 20.100.058 | 1 | | | |
| | | 20.100.080 | 1 | | | |
| Pin Scraper Professional  | made of aluminium casting, the height adjustable steel blade allows a coating thickness up to 18 mm own weight approx. 1,4 kg 56 cm | 20.000.010 | 1 | | | |
| | | | | | | |
| Rake with screws  | layer thickness is regulated by adjusting screws, max. layer thickness up to 20 mm | 20.040.015 | 1 | | | |
| | | 20.060.015 | 1 | | | |
| Rake with skids  | layer thickness is regulated by adjustable skids, layer thickness from 6 mm up to 30 mm | 20.530.060 | 1 | | | |
| | | 20.530.080 | 1 | | | |
| Rake with clamping bar and pins Economy  | with clamping bar to attach toothed blades and height adjustable pins | 20.560.060 | 1 | | | |
| | | | | | | |
| Rake with clamping bar and pins  | with clamping bar to attach toothed blades, height adjustable, anti-twist, stainless pins and softgrip. With stickholder, the pins are fixed with 2 plastic knurled screws. | 20.560.160 | 1 | | | |
| | | | | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

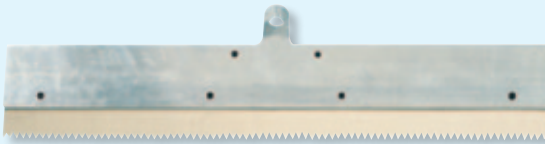
Scraper for toothed rubber blades Professional



made of aluminium casting, without toothed rubber, with wing screws and clamping rail

| | | | | |
|-------|------------|---|--|--|
| 56 cm | 20.501.000 | 1 | | |
|-------|------------|---|--|--|

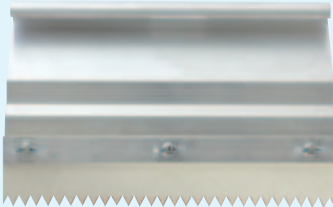
Scraper for toothed rubber blades Economy



made of extruded aluminium, without toothed rubber, with wing screws and clamping rail

| | | | | |
|-------|------------|---|--|--|
| 56 cm | 20.510.000 | 1 | | |
|-------|------------|---|--|--|

Hand Scraper for toothed rubber blades



made of aluminium, without toothed rubber, with fastening device for toothed rubber blades

| | | | | |
|-------|------------|---|--|--|
| 28 cm | 20.510.026 | 1 | | |
|-------|------------|---|--|--|

Toothed Rubber Blades 56 cm



56 cm wide, 8 mm thick, bright special rubber

| | | | | |
|--------------|------------|---|--|--|
| 1 mm | 20.500.001 | 1 | | |
| 2 mm | 20.500.002 | 1 | | |
| 3 mm | 20.500.003 | 1 | | |
| 4 mm | 20.500.004 | 1 | | |
| 5 mm | 20.500.005 | 1 | | |
| 6 mm | 20.500.006 | 1 | | |
| 7 mm | 20.500.007 | 1 | | |
| 8 mm | 20.500.008 | 1 | | |
| 9 mm | 20.500.009 | 1 | | |
| 10 mm | 20.500.010 | 1 | | |
| 11 mm | 20.500.011 | 1 | | |
| 12 mm | 20.500.012 | 1 | | |
| not serrated | 20.500.000 | 1 | | |

Toothed Rubber Blades 28 cm



28 cm wide, 8 mm thick, bright special rubber

| | | | | |
|--------------|------------|---|--|--|
| 1 mm | 20.526.001 | 1 | | |
| 2 mm | 20.526.002 | 1 | | |
| 3 mm | 20.526.003 | 1 | | |
| 4 mm | 20.526.004 | 1 | | |
| 5 mm | 20.526.005 | 1 | | |
| 6 mm | 20.526.006 | 1 | | |
| 7 mm | 20.526.007 | 1 | | |
| 8 mm | 20.526.008 | 1 | | |
| 9 mm | 20.526.009 | 1 | | |
| 10 mm | 20.526.010 | 1 | | |
| 11 mm | 20.526.011 | 1 | | |
| 12 mm | 20.526.012 | 1 | | |
| not serrated | 20.526.000 | 1 | | |

Tooth Blades

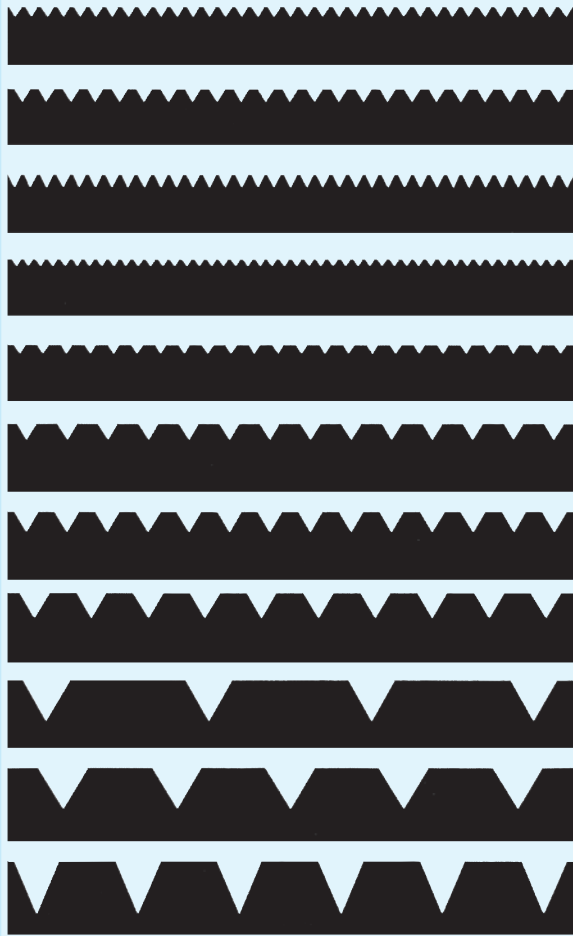
from special hardened steel H= tooth height L= Distance between 2 teeth
S= Teeth width



| | | | |
|-----|--|------------|----|
| S1 | Toothing S1 H=9,2 L=10,0 S=0,2 toothed one side | 20.000.S1 | 10 |
| S2 | Toothing S2 H=7,7 L=8,2 S=0,2 toothed both sides | 20.000.S2 | 10 |
| RS4 | Toothing RS4 H=5,5 L=6,5/1,9 S=0,2 toothed both sides | 20.000.RS4 | 10 |
| S3 | Toothing S3 H=5,2 L=6,2 S=0,2 toothed both sides | 20.000.S3 | 10 |
| S4 | Toothing S4 H=5,1 L=10,3 S=0,2 toothed both sides | 20.000.S4 | 10 |
| S5 | Toothing S5 H=4,2 L=5,7 S=0,2 toothed both sides | 20.000.S5 | 10 |
| S6 | Toothing S6 H=3,4 L=4,2 S=0,2 toothed both sides | 20.000.S6 | 10 |
| S7 | Toothing S7 H=2,55 L=1,8 S=0,1 toothed both sides | 20.000.S7 | 10 |
| S8 | Toothing S8 H=1,8 L=2,5 S=0,2 toothed both sides | 20.000.S8 | 10 |
| S9 | Toothing S9 H=4,6 L=2,8 S=0,2 toothed both sides | 20.000.S9 | 10 |
| A2 | Toothing A2 H=1,5 L=1,8 S=1,2 toothed both sides | 20.000.A2 | 10 |
| A3 | Toothing A3 H=1,5 L=1,5 S=0,5 toothed both sides | 20.000.A3 | 10 |
| R1 | Toothing R1 H=3,0 L=4,0 S=1,5 toothed both sides | 20.000.R1 | 10 |
| R2 | Toothing R2 H=5,0 L=4,0 S=2,0 toothed both sides | 20.000.R2 | 10 |
| R3 | Toothing R3 H=3,0 L=3,0 S=0,4 toothed both sides | 20.000.R3 | 10 |
| R4 | Toothing R4 H=4,0 L=4,0 S=4,0 toothed both sides | 20.000.R4 | 10 |
| R5 | Toothing R5 H=6,0 L=6,0 S=6,0 toothed both sides | 20.000.R5 | 10 |
| R6 | Toothing R6 H=8,0 L=8,0 S=8,0 toothed one side | 20.000.R6 | 10 |
| R7 | Toothing R7 H=10,0 L=10,0 S=10,0 toothed one side | 20.000.R7 | 10 |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Tooth Blades 18cm



**acc. TKB tothing, from special hardened steel H= tooth height
L= Distance between 2 teeth S= Teeth width**

| | | | |
|--|------------|----|--|
| Toothing A1 H=1,1 L=1,4 S=0,6 toothed both sides | 20.018.A1 | 10 | |
| Toothing A2 H=1,5 L=1,8 S=1,2 toothed both sides | 20.018.A2 | 10 | |
| Toothing A3 H=1,5 L=1,5 S=0,5 toothed both sides | 20.018.A3 | 10 | |
| Toothing A4 H=0,7 L=1,0 S=0,5 toothed both sides | 20.018.A4 | 10 | |
| Toothing A5 H=1,0 L=1,3 S=1,6 toothed both sides | 20.018.A5 | 10 | |
| Toothing B1 H=2,0 L=2,3 S=2,7 toothed both sides | 20.018.B1 | 10 | |
| Toothing B2 H=2,6 L=2,9 S=2,1 toothed both sides | 20.018.B2 | 10 | |
| Toothing B3 H=3,2 L=3,6 S=3,4 toothed both sides | 20.018.B3 | 10 | |
| Toothing B5 H=5,1 L=5,6 S=14,4 toothed both sides | 20.018.B5 | 10 | |
| Toothing B11 H=5,0 L=6,0 S=8,0 toothed both sides | 20.018.B11 | 10 | |
| Toothing B15 H=6,5 L=5,5 S=7,0 toothed both sides | 20.018.B15 | 10 | |

Warning Sign



made of solid cardboard to set up

| | | |
|------------|---|--|
| 99.366.035 | 1 | |
|------------|---|--|

Thickness Gauge



Multitool GmbH
Scheffelstr. 6 · D-69234 Dielheim
Tel. +49 (0)6222-7739733
Fax +49 (0)6222-75483
info@multitool.de · www.multitool.de

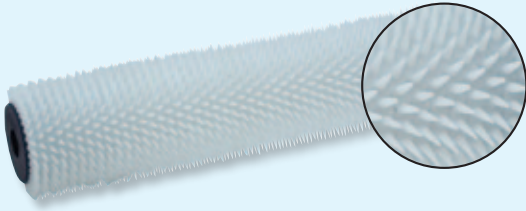
**aluminium,
measuring range 0,5-10mm**

**plastic,
measuring range 0,25-2mm**

| | | |
|------------|---|--|
| 99.001.001 | 1 | |
| 99.001.002 | 1 | |

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|--|---|---|--|----------------------------|------------|-------------|
| Spike Sole  | Made in Germany, flexible synthetic sole with 30 mm pointed spikes and Velcro fastener | 19.000.001 | 1 | | | |
| Spike Sandal  | Made in Germany, flexible synthetic sandal with 30 mm pointed spikes and Velcro fastener | 19.000.100 | 1 | | | |
| | Spike Shoe/-Sandal Accessories Repl. spikes pointed for 1 pair (28pcs) Repl. spikes blunt for 1 pair (28pcs) Repl. straps with Velcro fastener for 1 pair | 19.000.002 19.000.004 19.000.003 | 1 1 1 | | | |
| Spike Sole Import  | black, stable synthetic sole with pointed spikes and Velcro fastener | Nail Length 30 mm 40 mm 50 mm Replacement Spikes 25 mm (incl. assembly tools) Replacement Spikes 40 mm (incl. assembly tools) Replacement Spikes 50 mm (incl. assembly tools) | 19.000.022 19.000.035 19.000.050 19.001.022 19.001.035 19.001.050 | 1 1 1 1 1 1 | | |
| Screed Shoes  | Screed Shoes for walking on fresh screed | 20x40 cm | 19.100.001 | 1 | | |
| Hand Support  | with wooden handle, spike length 23mm | 19,5x8,5 cm | 19.050.019 | 1 | | |
| PE Protection Boot  | splash protection of shoes and trousers during deaeration, priming or sealing | ca. 75 µm | 92.000.001 | 10 | 30 | |

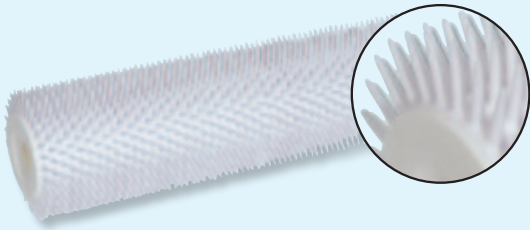
Spiked Roller Import without handle



made of solvent-resistant polypropylene, for Ø8 mm handle, spike length approx. 11 mm

| Width | RefNr | Sales Unit | € piece/pair |
|-------|------------|------------|--------------|
| 25 cm | 19.012.025 | 1 | |
| 50 cm | 19.012.050 | 1 | |

Spiked Roller Made in Germany without handle



made of solvent-resistant polypropylene, for Ø8 mm handle

| Width | RefNr | Sales Unit | € piece/pair |
|----------------------------|------------|------------|--------------|
| Spike length approx. 11 mm | | | |
| 7 cm | 19.012.007 | 1 | |
| 12 cm | 19.012.012 | 1 | |
| 18 cm | 19.012.018 | 1 | |
| 25 cm | 19.012.027 | 1 | |
| 40 cm | 19.012.040 | 1 | |
| 50 cm | 19.012.052 | 1 | |
| Spike length approx. 21mm | | | |
| 7 cm | 19.021.007 | 1 | |
| 12 cm | 19.021.012 | 1 | |
| 18 cm | 19.021.018 | 1 | |
| 25 cm | 19.021.027 | 1 | |
| 50 cm | 19.021.051 | 1 | |
| 70 cm | 19.021.071 | 1 | |
| Spike length approx. 35 mm | | | |
| 25 cm | 19.035.026 | 1 | |
| 50 cm | 19.035.051 | 1 | |
| 70 cm | 19.035.071 | 1 | |

Spiked Roller Import with not replaceable handle



made of solvent-resistant polypropylene, with not replaceable Ø6 mm handle

| Width | RefNr | Sales Unit | € piece/pair |
|----------------------------|------------|------------|--------------|
| Spike length approx. 11 mm | | | |
| 25 cm | 19.112.025 | 1 | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

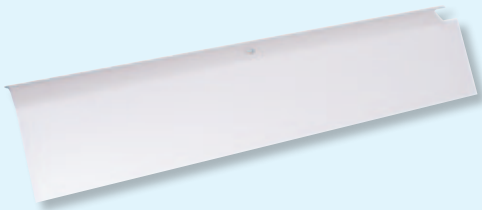
Spiked Roller Import with not replaceable handle and splash protection



made of solvent-resistant polypropylene, with not replaceable Ø6 mm handle and splash protection

| | | | |
|----------------------------|------------|---|--|
| Spike length approx. 11 mm | | | |
| Width | | | |
| 25 cm | 19.012.026 | 1 | |
| 50 cm | 19.012.051 | 1 | |
| 70 cm | 19.012.070 | 1 | |
| Spike length approx. 21 mm | | | |
| Width | | | |
| 25 cm | 19.021.025 | 1 | |
| 50 cm | 19.021.050 | 1 | |
| 70 cm | 19.021.070 | 1 | |
| Spike length approx. 35 mm | | | |
| Width | | | |
| 25 cm | 19.035.025 | 1 | |
| 50 cm | 19.035.050 | 1 | |
| 70 cm | 19.035.070 | 1 | |

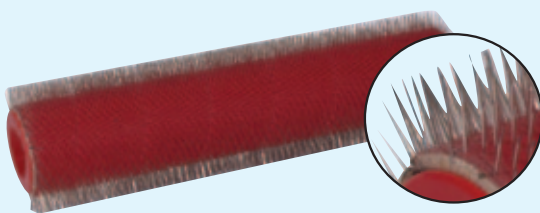
Splash Protection



made of solvent-resistant polypropylene

| | | | |
|------------------|------------|---|--|
| for 50 cm handle | 19.300.050 | 1 | |
|------------------|------------|---|--|

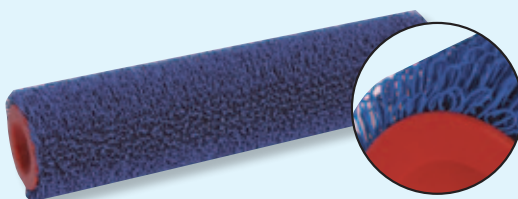
Spike Roller Metal



very thin metal spikes, Spike Diameter 0,4 mm

| | | | |
|---|------------|---|--|
| Spike length approx. 13 mm | | | |
| Width | | | |
| 25 cm | 19.100.025 | 1 | |
| 50 cm | 19.100.050 | 1 | |
| Spike length approx. 18 mm | | | |
| Width | | | |
| 25 cm | 19.101.025 | 1 | |
| 50 cm | 19.101.050 | 1 | |
| Roller with spike length of 30mm on request | | | |

Loop Roller

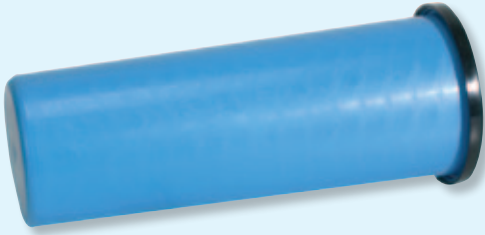


very much suitable to smoothen thin coatings

| | | | |
|-------------------|------------|---|--|
| Width | | | |
| 18 cm | 19.200.018 | 1 | |
| 25 cm | 19.200.025 | 1 | |
| 50 cm | 19.200.050 | 1 | |
| on request 100 cm | 19.200.100 | 1 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Roller Cleaning Box



made of solvent-resistant plastic,
for storage of used spike roller up to 25cm

| | | | |
|------------|---|--|--|
| 19.310.025 | 1 | | |
|------------|---|--|--|

Laminating Roller



with solvent resistant spiral perlon bristles incl. Handle,
Ø28 mm

| | | | |
|--------------------|------------|---|--|
| Width | | | |
| 10 cm | 19.500.100 | 1 | |
| 15 cm | 19.500.150 | 1 | |
| Replacement roller | | | |
| 10 cm | 19.500.111 | 1 | |
| 15 cm | 19.500.151 | 1 | |

Groove Roller



solvent resistant plastic, with handle

| | | | |
|--------------------|------------|---|--|
| Ø25 mm Width 15 cm | 19.625.150 | 1 | |
| Ø50 mm Width 50mm | 19.650.150 | 1 | |

Corner Roller



solvent resistant plastic

| | | | |
|------------------------|------------|---|--|
| Ø50 mm thickness 18 mm | 19.401.000 | 1 | |
|------------------------|------------|---|--|

Flooring

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

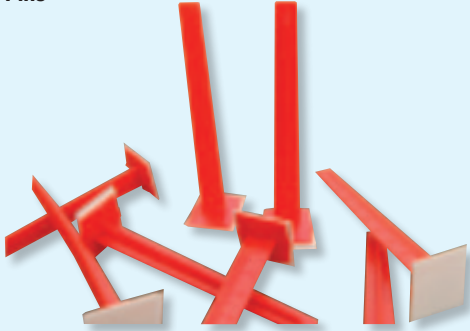
Screed Connectors



Width 6 mm, wave 2mm , Box with 1000 pieces

| | | | | |
|----------|------------|---|--|--|
| 6x70 mm | 50.600.070 | 1 | | |
| 6x120 mm | 50.600.120 | 1 | | |

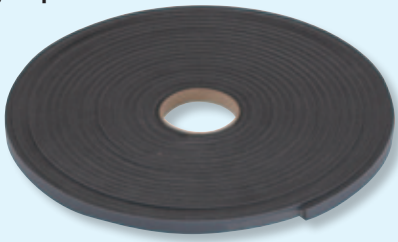
Level Pins



Simply cut the level pin with scissors to the desired height, using the moulded millimetre rule along the pin. Stick the pin to the floor using the heavy-duty self adhesive base of the pin. Apply the concrete or screed until they are level with the top of the pin.

| | | | | |
|-------------------|------------|-----|--|--|
| Price per 100 pcs | 50.200.100 | 100 | | |
|-------------------|------------|-----|--|--|

Moulding Strips



for placing putty and coatings, made of cellular polyethylene, self-adhesive (solvent resistant, waterborne acrylic adhesive)

| | | | | |
|-------------------|------------|---|--|--|
| Roll 10 m 5x10 mm | 50.005.010 | 1 | | |
| Roll 10 m 8x25 mm | 50.008.025 | 1 | | |
| rods 2 m 15x15 mm | 50.015.015 | 1 | | |
| rods 2 m 30x30 mm | 50.030.030 | 1 | | |

Screed layers Chaps



Chaps with knee cushion

| | | | | |
|--|------------|---|--|--|
| closed with press button up to knee | 90.210.010 | 1 | | |
| closed with Velcro up to knee | 90.210.020 | 1 | | |

Cushion for Chaps



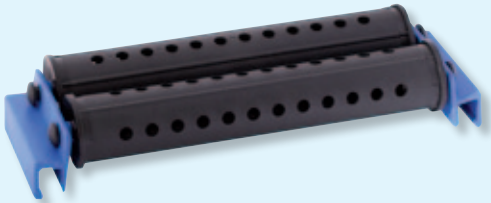
| | | | | |
|----------------------|------------|---|--|--|
| conforms to EN 14404 | 90.250.010 | 1 | | |
|----------------------|------------|---|--|--|

Tilers Washing Set Economy

plastic bucket 20L, incl. wheels (4 pcs) rinsing roller and grid



| | | | | |
|--------------|------------|---|--|--|
| Complete Set | 44.111.020 | 1 | | |
|--------------|------------|---|--|--|

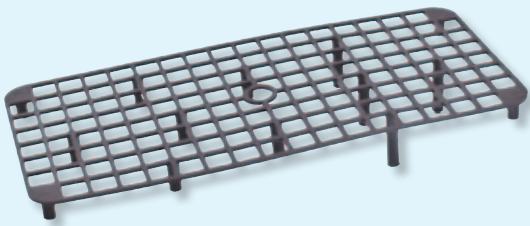


| | | | | |
|-----------------|------------|---|--|--|
| bucket 20 Litre | 44.111.019 | 1 | | |
|-----------------|------------|---|--|--|



| | | | | |
|---------------------------------|------------|---|--|--|
| metal support , 2rinsing roller | 44.111.002 | 1 | | |
|---------------------------------|------------|---|--|--|

| | | | | |
|----------------|------------|---|--|--|
| wheels (4 pcs) | 44.111.004 | 1 | | |
|----------------|------------|---|--|--|



| | | | | |
|--------------|------------|---|--|--|
| plastic grid | 44.111.010 | 1 | | |
|--------------|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

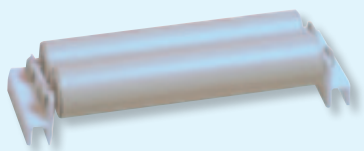
Tilers Bucket

plastic bucket, suitable for roller attachment

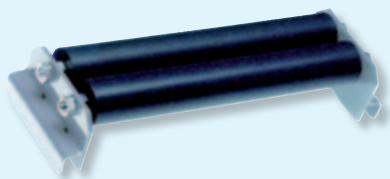


22 litre 44.110.022 1

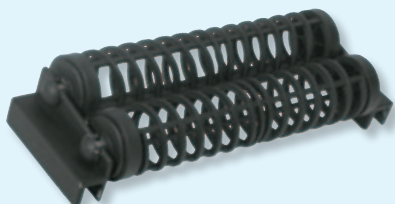
to ref 44.110.022



Plastic Rolls smooth, closed surface 44.150.001 1



Rolls „De Luxe“ smooth, closed surface 44.150.003 1



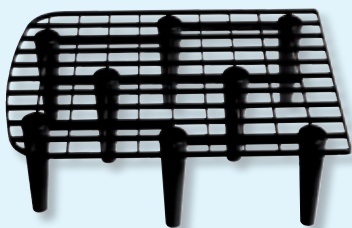
Rolls „Optimum“ counter rotate spiral roles 44.150.005 1



Rolls „Express“ 44.150.007 1

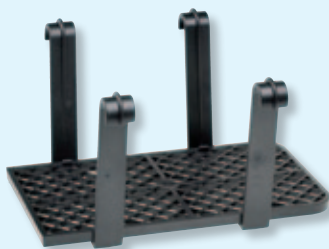
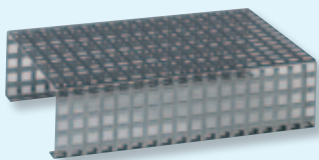
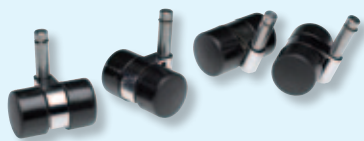
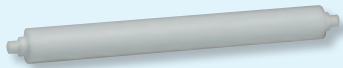
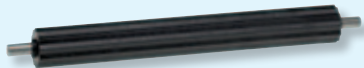
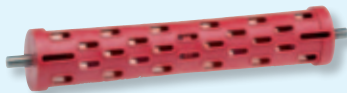


4 wheels 44.160.004 1



suitable for plastic bucket 22l 44.155.022 1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Tilers Washboy

metal support, 2 knobs rinsing roller, 2 transport roller

| | | | | |
|---|------------|---|--|--|
| 23 litre | 44.210.023 | 1 | | |
| to ref 44.210.023 | | | | |
| Rinsing roller „Dots-Perfect“ | 44.220.001 | 1 | | |
| Rinsing roller „Dots-Optimal“ | 44.220.003 | 1 | | |
| Roller fluted | 44.220.005 | 1 | | |
| Roller for bucket | 44.220.007 | 1 | | |
| Wheel Set for ref.: 44.210.023 Speedy-Washboy 23l, 4 Stck | 44.220.009 | 1 | | |
| Mud box for ref.: 44.210.023 Speedy-Washboy 23l | 44.220.011 | 1 | | |
| Strainer for ref.: 44.210.023 Speedy-Washboy 23l | 44.220.013 | 1 | | |
| Press Strainer for ref.: 44.210.023 Speedy-Washboy 23l | 44.220.015 | 1 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Carbide Tile Grouter



for cleaning and removing from tile joints

| | | | | |
|---------------------------------|------------|---|--|--|
| | 44.100.010 | 1 | | |
| Replacement Blades set of 3 pcs | 44.100.015 | 1 | | |

Joint smoother



Joint Smoother „Fugenfix“ for quick and easy smoothing of silicon -and acrylic joints, easy to clean, for joints of 10 and 15mm wide, total length 15cm,

| | | | | |
|---|------------|---|--|--|
| set of 5 pcs | 44.200.015 | 1 | | |
| Smoothing Spatula „SiliSet“ professional templets for quick and easy smoothing of silicon- and acrylic joints, 1 spatula for hollow covers with radiation of 4, 8 and 10mm, 1 spatula for triangle cove with angle of 5, 9 and 11mm | 44.201.002 | 1 | | |
| Silicon Smoothing Tool for quick and easy smoothing of joints. For 6, 8 and 10mm joints | 44.201.010 | 1 | | |
| Silicon Joint scraper with shovel | 44.211.050 | 1 | | |


Silicon Remover



removes quick silicon joints, TÜV and GS proved

| | | | | |
|--|------------|---|--|--|
| | 44.212.010 | 1 | | |
| Replacement blades for Silicon Remover 6 pcs per set | 44.212.015 | 1 | | |

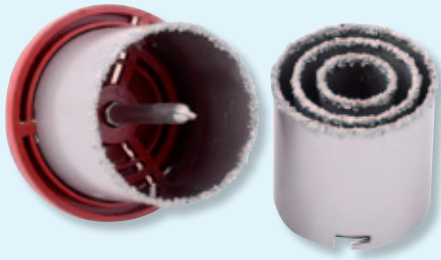
| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Pressure Sprayer  | 1,5 litre | 89.400.150 | 1 | | | |
| Tile Perforating Plier Economy  | Import Quality, without spring | 44.315.160 | 1 | | | |
| Tile Perforating Plier Professionell  | German Quality, with spring | 44.315.260 | 1 | | | |
| Mosaic- and Tile Nipper Economy  | 200 mm | 44.318.200 | 1 | | | |
| Tile Pincer  | jaw size 10 mm | 44.319.160 | 1 | | | |
| Carbide Tile Rasp  | Carbide, flat, 1 side and edge rough, 1 side fine | 44.325.030 | 1 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--|------------|------------|--------------|------------|--------------|
| Tile Hammer flat tip  | Economy | 44.381.010 | 1 | | | |
| | Professional with flat carbide tip | 44.381.011 | 1 | | | |
| Tile Hammer pointed tip  | Economy | 44.385.010 | 1 | | | |
| | Professional with flat carbide tip | 44.385.011 | 1 | | | |
| Tile And Glas Cutter  | with carbide wheel | | | | | |
| | Ø9 mm | 44.391.009 | 1 | | | |
| Scriber  | Carbide Tipped, with clip | | | | | |
| | length 150 mm | 44.395.012 | 1 | | | |
| Aluminium Scriber  | to mark tiles | | | | | |
| | | 44.398.016 | 1 | | | |
| Magnetic Tile Lock Set  | for inspection accesses at showers and bathtubs | | | | | |
| | S1 set with 8 pcs | 44.500.004 | 1 | | | |
| Tile Layer Setting Corners  | with hook and rubber cord, 1 pair | 44.501.001 | 1 | | | |
| | without hook and rubber cord, 1 pair | 44.501.101 | 1 | | | |
| | PVC, with cord, also to use for diagonal application | 44.501.201 | 1 | | | |
| Replacement cord  | for tile layer setting set | | | | | |
| | 20 m | 44.501.205 | 1 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair | |
|--|--|---|--|-----------------------|------------|--------------|--|
| Tile Wedges  | plastic, 250 pcs height 5mm | 44.510.005 | 1 | | | | |
| | Tile Spacers  | PVC, 250 pcs Width 2,5 mm Width 3 mm Width 4 mm Width 5 mm Width 8 mm | 44.515.025 44.515.030 44.515.040 44.515.050 44.515.080 | 1 1 1 1 1 | | | |
| Rubber Hammer  | white 1 kg | 44.600.100 | 1 | | | | |
| | Plimb Bob Brass  | 50 g | 44.610.050 | 1 | | | |
| Rubber Grouter  | 5mm thick black rubber 20 cm 30 cm 15cm chamfered, grey | 44.700.020 44.700.030 44.700.015 | 1 1 1 | | | | |
| | Tile Hole Cutter  | with basket, for small drilling machine with carbide cutter, adjustable from Ø30 - 105 mm | 44.830.105 | 1 | | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Tile Hole Cutter



for smal drilling machine with carbide cutter, adjustable from Ø33, 53, 67, 73mm

| | | | |
|------------|---|--|--|
| 44.833.080 | 1 | | |
|------------|---|--|--|

Tile Hole Cutter



for smal drilling machine with carbide cutter, adjustable from 8 pcs, Ø33, 53, 67, 83mm, with carbide tile rasp

| | | | |
|------------|---|--|--|
| 44.833.083 | 1 | | |
|------------|---|--|--|

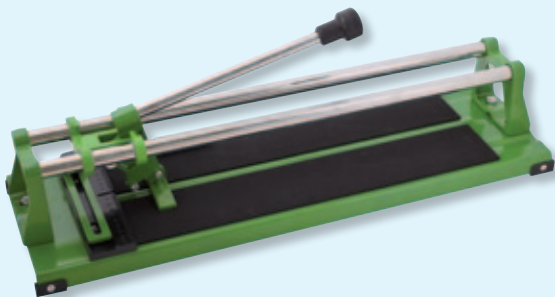
Tile saw



with carbide cord

| | | | |
|--------|------------|---|--|
| 150 mm | 44.835.150 | 1 | |
| 150 mm | 44.835.155 | 1 | |

Tile Cutter Economy



Steel plate 620x200 mm, carbide wheel Ø15x6mm, max tile thickness 15mm

| | | | |
|-----------------------------------|------------|---|--|
| max cutting length 40cm | 44.860.040 | 1 | |
| replacement carbide wheel Ø15x6mm | 44.860.045 | 1 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Tile Cutter Professional



with linear ball bearing, hardened and ground shaft, angle, precision grade

max. cutting length 60cm,
max. tile thickness 18mm

44.861.060

1

max. cutting length 60cm,
max. tile thickness 18mm upper
and lower cutting device

44.861.061

1

Tile Cutter Replacement wheel



carbide ground

for ref. 44.861.060 Ø22x6mm

44.861.065

1

for ref. 44.861.061 Ø22x6mm

44.861.066

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Masking Tape Indoor


impregnated, tear proof and tough crepe paper, coated with a soft modified natural rubber glue of good adhesive strength (solvent resistant) and ageing resistance, temperature resistant up to 80°

| | | | |
|--------------|------------|---|----|
| 38 mm x 50 m | 70.100.038 | 6 | 24 |
| 50 mm x 50 m | 70.100.050 | 6 | 24 |

Masking Tape Indoor

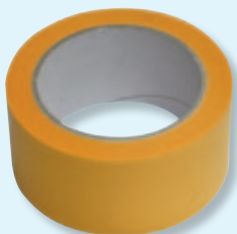

low budget smooth tape with good adhesive performance, impregnated, tear proof crepe paper, coated with a soft synthetic rubber glue (solvent free) use only for short time, temperature resistant up to 60°

| | | | |
|--------------|------------|---|----|
| 19 mm x 50 m | 70.110.019 | 8 | 48 |
| 25 mm x 50 m | 70.110.025 | 6 | 36 |
| 30 mm x 50 m | 70.110.030 | 5 | 30 |
| 38 mm x 50 m | 70.110.038 | 4 | 24 |
| 50 mm x 50 m | 70.110.050 | 4 | 24 |

Masking Tape Outdoor


a high-quality crepe tape, coated with a special acrylic glue (solvent resistant). The tape is moisture and heat resistant and persistent to ultraviolet light. Up to 14 days outdoor use and can be removed without leaving any residue

| | | | |
|--------------|------------|----|----|
| 19 mm x 50 m | 70.120.019 | 12 | 48 |
| 25 mm x 50 m | 70.120.025 | 6 | 36 |
| 38 mm x 50 m | 70.120.038 | 4 | 24 |
| 50 mm x 50 m | 70.120.050 | 4 | 24 |

Japanese Masking Tape


gold-yellow/orange, coated with especially suitable acrylic glue heat resistant, UV-resistant up to 4 weeks, extremely thin for sharp edges during varnishing and painting

| | | | |
|--------------|------------|---|----|
| 19 mm x 50 m | 70.130.019 | 2 | 48 |
| 25 mm x 50 m | 70.130.025 | 2 | 36 |
| 38 mm x 50 m | 70.130.038 | 2 | 24 |
| 50 mm x 50 m | 70.130.050 | 2 | 24 |

PVC Masking Tape



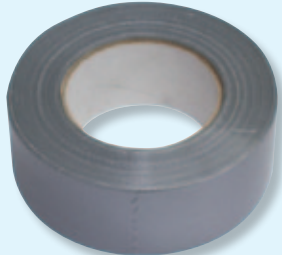
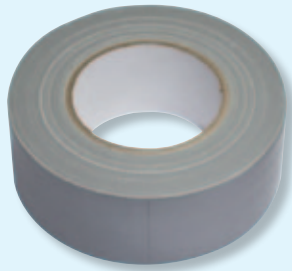


smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks

| | | | |
|--------------|------------|---|----|
| yellow | | | |
| 30 mm x 33 m | 70.200.030 | 4 | 60 |
| 50 mm x 33 m | 70.200.050 | 4 | 36 |
| white | | | |
| 30 mm x 33 m | 70.210.030 | 4 | 60 |
| 38 mm x 33 m | 70.210.038 | 4 | 48 |
| 50 mm x 33 m | 70.210.050 | 4 | 36 |

PE Masking Tape Outdoor


high UV-resistance, no residue on glass or window frames, max temp. 60°C

| | | | |
|-----------------------|------------|---|----|
| UV-resistance 14 days | | | |
| 48 mm x 50 m | 70.314.048 | 2 | 36 |
| UV-resistance 30 days | | | |
| 38 mm x 50 m | 70.330.038 | 2 | 24 |
| 48 mm x 50 m | 70.330.048 | 2 | 24 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|---|--------------|------------|--------------|------------|--------------|
| Universal Cloth Tape Standard  | heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, coated with a special natural rubber glue, for smooth surfaces, UV-resistant up to 14 days, even at low temperatures | 38 mm x 25 m | 70.700.338 | 4 | 32 | |
| | | 50 mm x 25 m | 70.700.050 | 4 | 24 | |
| Universal Cloth Tape Premium  | heavy duty, tear- and waterproof, PE-coated cloth (high mash), coated with a special natural rubber glue of high UV stability and tackiness, even at low temperatures | 38 mm x 50 m | 70.703.038 | 4 | 36 | |
| | | 50 mm x 50 m | 70.703.050 | 4 | 24 | |
| Duct Tape Standard  | PE-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, do not apply an aluminium and plastic, 200 µm | 38 mm x 50 m | 70.701.138 | 4 | 32 | |
| | | 48 mm x 50 m | 70.701.150 | 4 | 24 | |
| Duct Tape Premium  | PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 2 weeks UV-protection 300 µm | 38 mm x 50 m | 70.702.038 | 4 | 30 | |
| | | 50 mm x 50 m | 70.702.050 | 4 | 24 | |
| Wire-Cloth Masking Tape  | non stretching PVC-tape, at one edge reinforced with a wire for extra flat edges after coating | 50 mm x 33 m | 70.799.025 | 1 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

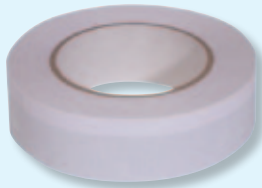
Smoothing Brush



to smooth tape on raw surfaces while standing

| | | | | |
|---------|------------|---|--|--|
| 15x6 cm | 30.700.150 | 1 | | |
|---------|------------|---|--|--|

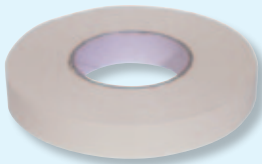
DuoTape white



**adhesive on both sides,
on the backside with an adhesive-free edge 35 mm**

| | | | | |
|--------------|------------|---|--|----|
| 25 mm x 25 m | 70.900.025 | 1 | | 48 |
| 35 mm x 25 m | 70.900.035 | 1 | | 48 |

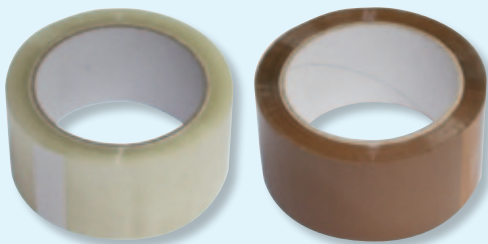
Double Cloth Masking Tape



double-sided adhesive, with cloth inlay

| | | | | |
|--------------|------------|---|--|----|
| 25 mm x 50 m | 70.912.025 | 1 | | 12 |
| 50 mm x 50 m | 70.912.050 | 1 | | 6 |

Packing Tape



low noise, 0,28µ water based acrylic glue

| | | | | |
|-----------------------------|------------|---|--|----|
| transparent 50 mm x 66 m | 70.810.010 | 6 | | 36 |
| brown 50 mm x 66 m | 70.810.020 | 6 | | 36 |



Hand-Held Tape Dispenser



| | | | | |
|--|------------|---|--|--|
| | 30.750.050 | 1 | | |
|--|------------|---|--|--|

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Bond+Cover  | folded masking film with a blue strip UV-resistant, thick cloth tape for rough surfaces | | | | | |
| | 55 cm x 20 m | 70.920.055 | 5 | | 30 | |
| | 1,10 m x 20 m | 70.920.110 | 5 | | 30 | |
| | 1,40 m x 20 m | 70.920.140 | 1 | | 30 | |
| | 1,80 m x 20 m | 70.920.180 | 1 | | 30 | |
| | 2,70 m x 17 m | 70.920.270 | 1 | | 30 | |
| Bond+Cover  | folded masking film with a strip crepe masking tape for smooth surfaces, indoor use only | | | | | |
| | 30 cm x 20 m | 70.921.030 | 5 | | 60 | |
| | 55 cm x 20 m | 70.921.055 | 5 | | 60 | |
| | 1,10 m x 20 m | 70.921.110 | 5 | | 40 | |
| | 1,80 m x 20 m | 70.921.180 | 1 | | 30 | |
| | 2,70 m x 17 m | 70.921.260 | 1 | | 30 | |
| Bond+Cover Paper  | folded paper with crepe masking tape | | | | | |
| | 18 cm x 25 m | 70.922.180 | 10 | | 60 | |
| Tack Foil  | slightly tacky cover, blue and clear LDPE sheet, leaves no marks if removed, thickness 0,05mm | | | | | |
| | 25 cm x 100 m | 70.942.025 | 1 | | | |
| | 50 cm x 100 m | 70.942.050 | 1 | | | |
| | 1 m x 100 m | 70.942.100 | 1 | | | |
| Covering Sheet (thin)  | thickness 0,01mm, rolls are folded to 1 m | | | | | |
| | 2 m x 100 m | 40.807.200 | 1 | | 3 | |

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|---|---|------------|------------|-------------|------------|-------------|
| Covering Sheet (thick)  | thickness 0,1mm suitable as mixing base 2 m x 50 m | 40.800.150 | 1 | | 3 | |
| | | | | | | |
| Dust Door  | universal door for separating rooms during construction works, 3 sides zip, for door opening, multiple usable, Incl. 1 role masking tape | 40.888.100 | 1 | | | |
| | | | | | | |
| Cover Felt  | one side covered with anti slip, 1x50 m 180 g/m ² 250 g/m ² | 40.810.180 | 1 | | 2 | |
| | | 40.810.150 | 1 | | 2 | |
| | | | | | | |
| Cover Felt diffusion-open  | one side covered with anti slip film, thickness approx. 3 mm 1 m x 30 m | 40.810.350 | 1 | | 2 | |
| | | | | | | |
| Multilayer Paper Role  | weight 250g/m² both sides coated with 10 g/m² LDPE, role 50m² 1,27 m x 40 m | 40.820.130 | 1 | | 2 | |
| | | | | | | |
| Fabric Covering  | edge reinforced, approx. every 1m eyeleted, water proofed, UV-resistant, 90g/m² polyethylene 2 m x 3 m 3 m x 5 m 4 m x 6 m | 40.840.006 | 1 | | | |
| | | 40.840.015 | 1 | | | |
| | | 40.840.024 | 1 | | | |
| | | | | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|-------------------------------------|---|--|------------|--------------|------------|--------------|
| Deep Hole Marker |  | Marking and writing tool with perm. ink, Can be washed off of smooth surfaces with alcohol Stainless steel telescopic tip, for hard to reach areas, thickness Ø1,4 mm | | | | |
| | black | 30.995.003 | 1 | | | |
| | blue | 30.995.005 | 1 | | | |
| | red | 30.995.004 | 1 | | | |
| Deep Hole Marker |  | Marking and writing tool with permanent ink, Can be washed off of smooth surfaces with alcohol Stainless steel telescopic tip (self retracting), for hard to reach areas and all surfaces, with 3 standard colours with Ø2,8 mm | | | | |
| | | 30.995.010 | 1 | | | |
| Deep Hole Replacement Marker |  | Pica Dry Replacement | | | | |
| | 2 Stck. – RED | 30.995.110 | 1 | | | |
| | 2 Stck. – YELLOW | | | | | |
| | 4 Stck. – GRAPHITE | | | | | |
| Wax Mark-Chalks |  | Pack with 12 pcs | | | | |
| | yellow | 40.250.001 | 1 | | | |
| | blue | 40.250.002 | 1 | | | |
| | red | 40.250.003 | 1 | | | |
| | crayon holder | 40.251.025 | 1 | | | |
| Carpenter's pencil |  | good quality | | | | |
| | | 40.230.025 | 5 | | | |
| Barrier Tape |  | made of Polyethylene, both sides red/white, in cardboard box | | | | |
| | 80 mm x 500 m | 40.400.580 | 1 | | | |
| Mason's Lacing Cord |  | highly tear-resistant | | | | |
| | yellow-fluorescent, 100 m, Ø 2 mm, | 40.260.005 | 1 | | | |
| | green, 50 m, Ø 1,7 mm | 40.260.006 | 1 | | | |
| | red, 100 m, Ø 1,7 mm | 40.260.010 | 1 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Chalk Reel  | made of metal | | | | | |
| | 30 m | 40.260.001 | 1 | | | |
| Pigment Powder  | blue | | | | | |
| | 250 g | 40.260.250 | 1 | | | |
| | 500 g | 40.260.500 | 1 | | | |
| | red | | | | | |
| | 250 g | 40.260.251 | 1 | | | |
| | 500 g | 40.260.501 | 1 | | | |
| Ratchet Tie Down  | made of Polypropylene, tensile strength 100daN | | | | | |
| | 35 mm x 4 m | 41.035.004 | 1 | | | |
| | 35 mm x 6 m | 41.035.006 | 1 | | | |
| | 35 mm x 8 m | 41.035.008 | 1 | | | |
| Stretch Foil  | 0,023 mm thick foil | | | | | |
| | 50 cm x 300 m | 40.820.055 | 1 | | 6 | |
| Waste Bag  | 80 µm, 15 pcs/role, 120 litre, 70x110cm | | | | | |
| | transparent | 40.410.120 | 1 | | | |
| | blue | 40.400.120 | 1 | | | |
| PP-Sacks woven  | with top seam, suitable for rubble, white | | | | | |
| | max. load 15 kg 400x600 mm | 40.410.015 | 10 | | | |
| | max. load 50 kg 600x1050 mm | 40.410.050 | 10 | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Line Marking Applicator



4 wheels twin, Line width 55-75-100mm, Specifically designed with Easyline® paint, Crisp, clear lines every time, easy to assemble, each applicator has a lifetime guarantee incl. carrier case

| | | | |
|------------|---|--|--|
| 45.000.100 | 1 | | |
|------------|---|--|--|

Line Marking Hand Applicator



pistol for aerosol line marking paint

| | | | |
|------------|---|--|--|
| 45.000.001 | 1 | | |
|------------|---|--|--|

Aerosol marking paint



on acryl resin base for professional workers suitable also for over head use

| | | | |
|--------|------------|---|----|
| orange | 45.060.006 | 1 | 12 |
|--------|------------|---|----|

Aerosol line marking paint



Content 750ml ranges for about 100m long and 5cm wide line A 'Traffic-grade' epoxy paint for unrivalled durability Lasts 2.5 times longer than the best competitor making it the most effective aerosol paint money can buy Dries in 10 minutes, reducing costly 'down-time'

| | | | |
|-----------------------|------------|---|---|
| white (RAL9016) | 45.010.001 | 1 | 6 |
| yellow (RAL 1022) | 45.010.002 | 1 | 6 |
| red (RAL 3020) | 45.010.003 | 1 | 6 |
| blue (RAL 5017) | 45.010.004 | 1 | 6 |
| green (RAL 6024) | 45.010.005 | 1 | 6 |
| orange (RAL 2009) | 45.010.006 | 1 | 6 |
| black (RAL 9017) | 45.010.007 | 1 | 6 |
| light grey (RAL 7045) | 45.010.008 | 1 | 6 |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Template



65pcs

1x A - Z , 2x L, N, P, S, 3x A, E, O Numbers 2x 0 - 9, also arrows 1x straight 1x L bow

height
150 mm
300 mm

| | | | |
|------------|---|--|--|
| 45.090.001 | 1 | | |
| 45.090.003 | 1 | | |

Handicap Template



made of plastic

66,1 x 55,9 cm

| | | | |
|------------|---|--|--|
| 45.090.004 | 1 | | |
|------------|---|--|--|

Use of broom

which kind of bristle is best for which type of dirt

| | | |
|----------------|--|---|
| Arenga | Palm fibre heat resistant, dust binding | for coarse and fine dirt |
| Elaston | Plastic fibre, wet strength, keep in shape | for coarse and wet dirt |
| Arenga/Elaston | Mix of arenga- and elaston fibres | for coarse and fine dirt (sand) |
| Bahia | Palm fibre, high flexible, wet strength, heat and grease resistant | for medium up to coarse dirt |
| Bahia/Elaston | Mix of bahia- and elaston fibre | for medium up to coarse dirt, also wet |
| PET | soft plastic fibre made of polyethylen, high flexible | for fine , dry dirt |
| Cocos | soft to rough cocos fibre | for shops if medium to fine dirt or chips |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Arenga/Elaston Broom

Broom with Arenga/Elaston mix, especially suitable for removing sand, bristle length 75 mm

| | | | | |
|---|------------|---|----|--|
| completely equipped | | | | |
| 50 cm | 30.000.050 | 3 | 10 | |
| 60 cm | 30.000.060 | 3 | 10 | |
| compl. equipped prepared to adjust a metal stick holder (wing screws) | | | | |
| 50 cm | 30.001.050 | 3 | 10 | |
| 60 cm | 30.001.060 | 3 | 10 | |
| extra completely equipped, with metal stick holder | | | | |
| 50 cm | 30.002.050 | 3 | 10 | |
| 60 cm | 30.002.060 | 3 | 10 | |

Hand Brush Arenga

bristle length 75mm

| | | | | |
|-------|------------|---|----|--|
| 28 cm | 30.001.028 | 3 | 10 | |
| 43 cm | 30.045.028 | 3 | 10 | |

Elaston Broom

Broom with Elaston bristle (1,6 mm) bristle length 100 mm

| | | | | |
|-------|------------|---|----|--|
| 40 cm | 30.020.040 | 3 | 10 | |
| 50 cm | 30.020.050 | 3 | 10 | |
| 60 cm | 30.020.060 | 3 | 10 | |

Bahia - Elaston Broom

fully equipped bristle length 110 mm

| | | | | |
|-------|------------|---|----|--|
| 40 cm | 30.040.040 | 3 | 10 | |
|-------|------------|---|----|--|

Elaston Broom

with stick holder and scratch sheet bristle length 75 mm

| | | | | |
|-------|------------|---|----|--|
| 40 cm | 30.050.040 | 3 | 10 | |
|-------|------------|---|----|--|

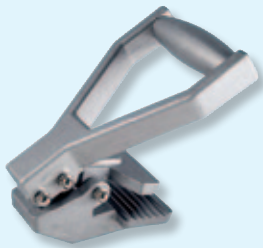





Piassava Broom

with stick hole, bristle length 100mm

| | | | | |
|-------|------------|---|----|--|
| 40 cm | 30.060.040 | 3 | 10 | |
| 50 cm | 30.060.050 | 3 | 10 | |

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|--|--|--|------------|-------------|------------|-------------|
| Hall Broom  | fine, soft bristles, with metal stick holder, bristle length 68 mm 50 cm | 30.000.051 | 3 | | 10 | |
| | Fine Hair Hand Brush  | bristle length 55mm 30 cm | 30.001.030 | 3 | | 10 |
| Cocos Broom  | bristle length 75 mm 30 cm | 30.010.030 | 3 | | 10 | |
| | 40 cm | 30.010.040 | 3 | | 10 | |
| | 50 cm | 30.010.050 | 3 | | 10 | |
| | 60 cm | 30.010.060 | 3 | | 10 | |
| | Cocos Hand Brush  | bristle length 75mm 28 cm | 30.001.029 | 3 | | 10 |
| Arenga Broom  | bristle length 75 mm 30 cm | 30.030.030 | 3 | | 10 | |
| | 50 cm | 30.030.050 | 3 | | 10 | |
| | 60 cm | 30.030.060 | 3 | | 10 | |
| | Dust Pan  | black varnished, wooden handle 22 cm | 30.002.022 | 1 | | 10 |
| Dust Pan Metal  | handle and pan made of one piece of metal, galvanised 22 cm | 30.002.122 | 1 | | 10 | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|-----------------------------|---|---|--|--------------|------------|--------------|
| Wire Broom |  | 30 cm | 30.100.030 | 3 | | |
| Wire Hand Brush |  | 5-row 30 cm | 30.101.030 | 3 | | |
| Wire Scrubbing Brush |  | with stick hole 22 cm | 30.101.022 | 3 | | |
| Brass Wire Brush |  | with plastic handle 1-row | 30.102.001 | 1 | | |
| Wire Brush |  | Ø0,31 mm, straight 2-row 4-row | 30.102.002 30.102.004 | 1 1 | | |
| Wire Brush stainless |  | Ø0,31 mm, straight 2-row 3-row 4-row | 30.102.012 30.102.013 30.102.014 | 1 1 1 | | |
| Wire Brush stainless |  | Ø0,31 mm, corrugated 2-row 4-row | 30.112.012 30.112.014 | 1 1 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|------------------------|---|--|------------|--------------|------------|--------------|
| Carpet Clamp |  | to tear out carpet | | | | |
| | | 30.280.010 | 1 | | | |
| Floor Scraper |  | with struts | | | | |
| | Width | | | | | |
| | 30 cm | 30.200.030 | 1 | | | |
| | replacement blade | 30.201.030 | 1 | | | |
| | replacement stick | 30.201.000 | 1 | | | |
| Scraper |  | blade thickness 1,75 mm, with chamfer, stick and D-handle | | | | |
| | 8 cm | 30.200.008 | 1 | | | |
| Scaling Spatula |  | blade thickness 1,15 mm, stabile, chamfered blade | | | | |
| | 5 cm | 20.410.005 | 1 | | | |
| | 7 cm | 20.410.007 | 1 | | | |
| Spatula |  | blade thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm | | | | |
| | 7 cm | 30.203.007 | 1 | | | |
| Paint Scraper |  | blade made of carbide, 2-K grip | | | | |
| | 50 mm | 30.213.050 | 1 | | | |
| | replacement blade import | | | | | |
| | 50 mm | 30.213.051 | 10 | | | |
| | top replacement blade Made in Germany | | | | | |
| | 50 mm | 30.213.052 | 3 | | | |
| Paint Scraper |  | with knop to increase pressure, 2-K grip | | | | |
| | 64 mm | 30.213.064 | 1 | | | |
| | replacement blade | | | | | |
| | 64 mm | 30.213.065 | 3 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|---|------------|------------|--------------|------------|--------------|
| Shovel round  | Frankfurt type | | | | | |
| | oil hardened | 30.300.030 | 3 | | 10 | |
| Shovel flat  | Holstein type | | | | | |
| | oil hardened | 30.300.031 | 3 | | 10 | |
| Shovel Handle  | ash tree shovel handle, acc. DIN 20151 | | | | | |
| | 1,30 m | 30.300.038 | 3 | | 10 | |
| Plastic Hand Scoop  | capacity approx.: | | | | | |
| | 0,7 L | 30.401.007 | 1 | | | |
| | 1,1 L | 30.401.011 | 1 | | | |
| Plastic Hand Scoop Round  | capacity approx.: | | | | | |
| | 0,45 L | 30.410.005 | 1 | | | |
| | 0,6 L | 30.410.006 | 1 | | | |
| | 1,0 L | 30.410.010 | 1 | | | |
| Aluminium Hand Scoop  | capacity approx.: | | | | | |
| | 0,7 L | 30.400.005 | 1 | | | |
| | 1,1 L | 30.400.010 | 1 | | | |
| | 1,7 L | 30.400.017 | 1 | | | |

Flooring

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Scatter Tube



made of plastic, 20 l, with one carrying strap

| | | | | |
|--------------------|------------|---|--|--|
| for ca. 25 kg sand | 30.500.010 | 1 | | |
| Carrying Strap | 30.500.015 | 1 | | |

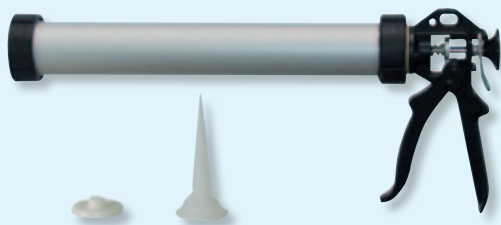
Cartouche pistol AKKU



Powerful battery charging unit with infinite speed control for processing of 310 ml cartridges and 600ml bag cartridges.
Max pressure 300 kg, the infinitely adjustable electronic control of 635 mm/min enables adaptation to various joint widths, cartridge fills and nozzle diameters, locking against unintentional switch on.

| | | | | |
|-----------|------------|---|--|--|
| | 30.680.018 | 1 | | |
| with case | 30.680.019 | 1 | | |

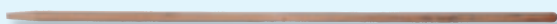
Cartouche pistol



for seal bags and cartridges

| | | | | |
|---------------------------|------------|----|--|--|
| 320 ml | 30.600.320 | 1 | | |
| 600 ml | 30.600.600 | 1 | | |
| replacement spare pointed | 30.600.601 | 10 | | |
| replacement plate | 30.600.602 | 10 | | |
| replacement ring | 30.600.603 | 10 | | |

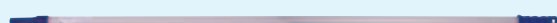
Sticks



wood

| | | | | |
|--------------------------|------------|---|--|--|
| Ø 24 mm | | | | |
| 1,40 m | 30.324.140 | 5 | | |
| 1,40 m with metal thread | 30.324.141 | 5 | | |
| 1,50 m | 30.324.150 | 5 | | |
| Ø 28 mm | | | | |
| 1,50 m | 30.300.150 | 5 | | |
| 2,00 m | 30.300.228 | 5 | | |

Extending/Telescopic Bar aluminium



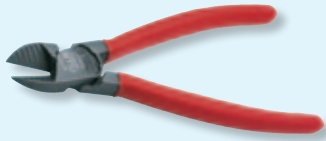
| | | | | |
|----------------------|------------|---|--|--|
| 1x60 cm | 30.300.060 | 3 | | |
| 2x1,00 m with Clip | 30.300.200 | 3 | | |
| 2x1,50 m with Clip | 30.300.300 | 3 | | |
| 3x1,00 m with thread | 30.310.310 | 3 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|--|-------------|--------------|------------|--------------|
| Wrecking bar hexagonal 18mm  | 50 cm | 30.800.051 | 1 | | | |
| Wrecking Bar flat  | 450x6x35 mm | 30.800.045 | 1 | | | |
| Cross Peen Hammer  | with ash handle and impact protection, acc. DIN1041 300 g 500 g | 30.800.003 30.800.005 | 1 1 | | | |
| Club Hammer  | with ash handle 1000 g | 30.800.001 | 1 | | | |
| Pointed Chisel  | made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm | 30.820.014 30.820.016 30.825.016 | 1 1 1 | | | |
| Mason's Chisel  | made of chrome-vanadium steel , hardened and annealed acc. DIN 7256 Ø 14 mm, 20 cm Ø 16 mm, 20 cm Ø 16 mm, 25 cm | 30.920.014 30.920.016 30.925.016 | 1 1 1 | | | |
| F-Clamp  | malleable iron, span 30 cm, throat depth 12 cm, heavy stabile arms, wooden handle, bar thickness 30x8 mm Made in Germany Import | 30.881.030 30.881.130 | 1 1 | | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Waterpump Pliers  | chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless Made in Germany length: 240 mm | 30.890.240 | 1 | | | |
| Pincer Professional  | Made in Germany 200 mm | 30.896.200 | 1 | | | |
| Pincer Economy  | Import 200 mm | 30.896.210 | 1 | | | |
| Tower Pincer Professional  | Knipex, with dip-paint isolated grip, mouth 20 mm, Made in Germany 250 mm | 30.895.250 | 1 | | | |
| Tower Pincer Economy  | Import 220 mm | 30.895.220 | 1 | | | |
| Comb Pliers Professional  | chrome-vanadium steel, HRC 58-62 acc. DIN 5746 180 mm | 30.850.018 | 1 | | | |
| Comb Pliers Economy  | Import, chromed matt 180 mm | 30.855.018 | 1 | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Side Cutting Nipper Professional



Inductive hardened precision cutting edges, for hard and soft wire, special tool steel forged and oil hardened acc. DIN5749, Made in Germany

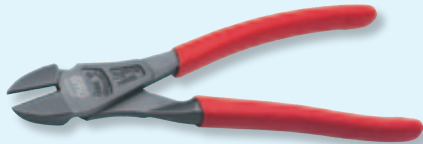
| | | | | |
|--|------------|---|--|--|
| 160 mm | 30.860.160 | 1 | | |
| chrome-vanadium steel, HRC 58-62, acc. DIN 5749 180 mm | | | | |
| 180 mm | 30.860.180 | 1 | | |

Side Cutting Nipper Economy



| | | | | |
|--------------|------------|---|--|--|
| chromed matt | | | | |
| 160 mm | 30.861.160 | 1 | | |

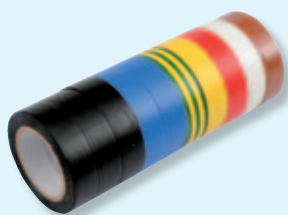
Heavy-Duty-Side Cutting Nipper



| | | | | |
|---|------------|---|--|--|
| | | | | |
| head polished, handle dip-paint isolated, Made in Germany | | | | |
| 200 mm | 30.865.200 | 1 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Isolating Tape



10 roles, 3x black, 2x blue 1x yellow with green stripes, 1x yellow, 1x red, 1x white, 1x brown, 10m length

| | | | | |
|------------|------------|---|--|--|
| 15x0,13 mm | 70.220.015 | 1 | | |
| 19x0,13 mm | 70.220.030 | 1 | | |

VDE Enzo-Tester



testing 220-250 Volt

| | | | | |
|--------|------------|---|--|--|
| 190 mm | 30.930.190 | 1 | | |
|--------|------------|---|--|--|

VDE Voltage Tester



| | | | | |
|--------|------------|---|--|--|
| 100 mm | 30.935.100 | 1 | | |
|--------|------------|---|--|--|

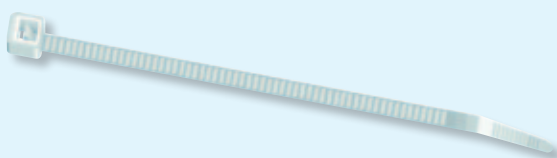
Non-Contact-Voltage Detector



suitable for non-contact AC voltage tests, Bright red LED illumination on detection of AC voltage. Double insulated. With handy pocket clip.
SPECIFICATIONS: Voltage detection range: 70-1,000V AC, Operating temperature: -10° to +50°, Frequency range: 50 to 500Hz, Indicator: Visual LED indicator, Installation category: CAT III, Power supply: 2 x 1.5V AAA batteries (not supplied)

| | | | | |
|--|------------|---|--|--|
| | 30.935.210 | 1 | | |
|--|------------|---|--|--|

Cables Ties



transparent

| | | | | |
|--------------------------|------------|---|--|--|
| price per pack (100 pcs) | | | | |
| 75 x 2,4 mm | 30.925.080 | 1 | | |
| 100 x 2,5 mm | 30.925.100 | 1 | | |
| 150 x 2,5 mm | 30.925.150 | 1 | | |
| 200 x 2,5 mm | 30.925.200 | 1 | | |
| 300 x 3,6 mm | 30.925.300 | 1 | | |
| 370 x 4,8 mm | 30.925.370 | 1 | | |
| 430 x 4,8 mm | 30.925.430 | 1 | | |
| set with 50 pcs | | | | |
| 500 x 8,0 mm | 30.925.500 | 1 | | |

Screwdriver Set 5pcs



steel S2, HRC 56-60, 1000 Volt, red PPN-grip
slot: blade length:
 75 mm blade: 3,0 / 100 mm blade: 4,0 / 125 mm blade: 5,5
cross: blade length:
 80 mm blade PH1 / 100 mm blade PH2

| | | | | |
|--|------------|---|--|--|
| | 30.880.115 | 1 | | |
|--|------------|---|--|--|

Screwdriver Set 7pcs



CV-blade, 1000 Volt, red PPN-grip

slot: blade length:

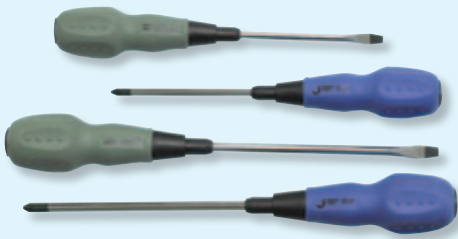
75 mm blade: 2,5 / 100 mm blade: 4,0 / 125 mm blade: 5,5 / 150 mm blade: 6,5

cross: blade length:

80 mm blade PH1 / 100 mm blade PH2 VDE Voltage Tester

| | | | |
|------------|---|--|--|
| 30.880.007 | 1 | | |
|------------|---|--|--|

Screwdriver Set 4pcs



CV-Blade, Softgrip

Slot: blade length:

100mm blade: 5,0 / 150mm blade: 6,0

cross: blade length:

100mm blade PH1 / 150mm blade PH2

| | | | |
|------------|---|--|--|
| 30.878.004 | 1 | | |
|------------|---|--|--|

Screwdriver Set 6pcs (Wiha)



CV-Blade, black colour blade, 3 component handle, Made in Germany

Slot: blade length:

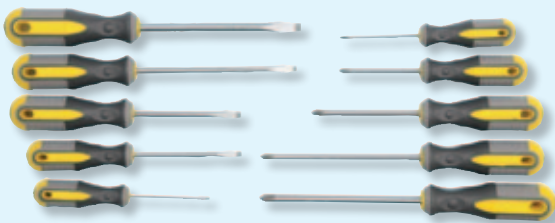
100mm blade: 5,0 / 150mm blade: 6,0

cross: blade length:

100mm blade PH1 / 150mm blade PH2

| | | | |
|------------|---|--|--|
| 30.878.006 | 1 | | |
|------------|---|--|--|

Screwdriver Set 10pcs



CrV-Blade, Softgrip

Slot: blade length:

75 mm blade: 3,0 / 100 mm blade: 5,0 / 100 mm blade: 6,0 / 150 mm blade: 6,0

150 mm blade: 8,0

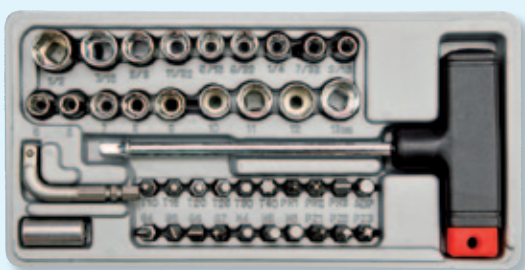
cross: blade length:

75 mm blade PH0 / 75 mm blade PH1 / 100 mm blade PH2 / 150 mm blade PH2

150 mm blade PH3

| | | | |
|------------|---|--|--|
| 30.878.010 | 1 | | |
|------------|---|--|--|

T-Grip Screwdriver Set 41pcs



CrV blade 25 mm

slot: 4/5/6/7

cross: PH1/PH2/PH

TX: T10/T15/T20/T25/T30/T40

Pozidriv: PZ1/PZ2/PZ3

hexagonal: H4/H5/H6

9 sockets: 5-13 mm 3/16"

9 sockets: 5-13 mm 1/2"

| | | | |
|------------|---|--|--|
| 30.878.041 | 1 | | |
|------------|---|--|--|

Product

Details

RefNr

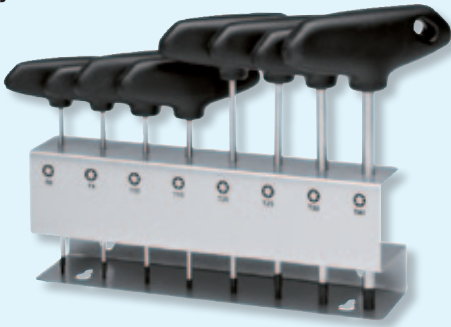
Sales Unit

€piece/pair

Sales Unit

€piece/pair

TX-Key Set



**for TORX-screws,
8pcs T8, T9, T10, T15, T20, T25, T30, T40**

with T-handle

30.878.071

1

TX-Key Set

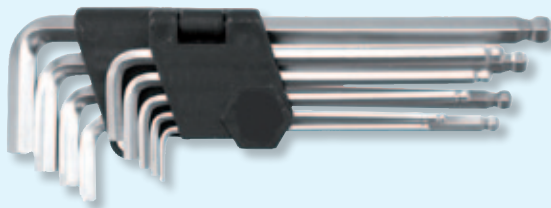


**for TORX-screws,
8pcs T9, T10, T15, T20, T25, T27, T30, T50**

30.878.074

1

Hex Key Set 9pcs



2,5/3/4/5/5,5/6/7/8/10

30.878.009

1

Socket Driver Set 94-piece 1/2" 1/4"



- 1/2": 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm (L=38 mm); 27, 30, 32 mm (L=42 mm);
- 1/4": 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm (L=25 mm); CrV 50BV30;
- 1/2": 14, 15, 17, 19 mm (L=76 mm); 1/4": 6, 7, 8, 9, 10, 11, 12, 13 mm (L=50 mm); CrV 50BV30;
- 1/2" (127, 254 mm); 1/4" (50.8, 101.6 mm); CrV 50BV30;
- 3/8"(F) x 1/2"(M); CrV 50BV30; 1/4" (150 mm); CrV;
- 1/2", 1/4"; CrV 50BV30; 1/2": 16, 21 mm; CrV 50BV30;
- 1/4" (152 mm); CrV 50BV30;
- 1/2", 1/4"; 72T; CrV 6140; 1/4" (150 mm); CrV 50BV30;
- 5/16": 8, 10, 12, 14 mm (L=30 mm); AISI S2; 1/4": T8, T10, T15, T20, T25, T30; AISI S2 / CrV 50BV30;
- 5/16": 8, 10, 12 mm (L=30 mm); AISI S2; 1/4": 3, 4, 5, 6 mm; AISI S2 / CrV 50BV30;
- 5/16": PH3, PH4 (L=30 mm); AISI S2; 1/4": PZ1, PZ2; AISI S2 / CrV 50BV30;
- 5/16": PZ3, PZ4 (L=30 mm); AISI S2; 1/4": PH1, PH2; AISI S2 / CrV 50BV30;
- 5/16": T40, T45, T50, T55 (L=30 mm); AISI S2; 1/4": 4, 5.5, 7 mm; AISI S2 / CrV 50BV30;
- 1/2"x5/16"; CrV 50BV30; 1/4"x1/4"; CrV 50BV30; 1.5, 2, 2.5 mm; CrV 6150

30.900.094

1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

HSS Steel Drill Set Ø1,0-13 mm



25pcs in Steelcase

profile grounded
rolled

| | | | |
|------------|---|--|--|
| 30.878.013 | 1 | | |
| 30.879.013 | 1 | | |

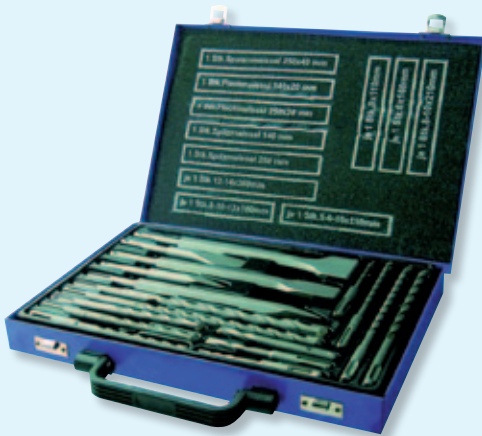
HM Concrete Drill Set Ø3,0-10,0 mm



8pcs in plastic case, for concrete and stone

| | | | |
|------------|---|--|--|
| 30.880.010 | 1 | | |
|------------|---|--|--|

Hammer Drill & Chisel Set SDS-Plus



17 pcs in case

- 1x pointed chisel 140 mm
- 1x pointed chisel 250 mm
- 1x mason's chisel 140 mm
- 1x mason's chisel 250 mm
- 1x spade chisel 250x40 mm each
- 1x SDS drill 5-6-8-10x160 mm each
- 1x SDS drill 6-8-10-12x160 mm each
- 1x SDS drill 8-10x210 mm each
- 1x SDS drill 12-14x260 mm

| | | | |
|------------|---|--|--|
| 30.889.017 | 1 | | |
|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Hammer Drill SDS-Plus

**for concrete, stone, granite, reinforcement,
walled direction: right**



| | | | | |
|----------------------------|------------|---|--|--|
| Ø 6,0 mm length 160 mm | 34.772.060 | 1 | | |
| Ø 8,0 mm length 160 mm | 34.772.080 | 1 | | |
| Ø 10,0 mm length 160 mm | 34.772.100 | 1 | | |
| Ø 12,0 mm length 160 mm | 34.772.120 | 1 | | |
| Ø 14,0 mm length 160 mm | 34.772.140 | 1 | | |
| Ø 16,0 mm length 160 mm | 34.772.160 | 1 | | |
| Ø 10,0 mm length 450 mm | 34.772.410 | 1 | | |
| Ø 12,0 mm length 450 mm | 34.772.412 | 1 | | |
| Ø 14,0 mm length 450 mm | 34.772.414 | 1 | | |
| Ø 16,0 mm length 450 mm | 34.772.416 | 1 | | |
| Ø 18,0 mm length 450 mm | 34.772.418 | 1 | | |
| Ø 20,0 mm length 450 mm | 34.772.420 | 1 | | |

Hammer Drill-Set SDS-Plus



**for concrete, stone, granite, reinforcement,
walled drill: S4,
direction: right**

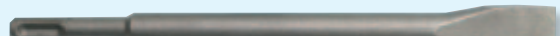
| | | | | |
|-----------------------------|------------|---|--|--|
| Ø 5/6/8/10 length 110 mm | 34.775.604 | 1 | | |
|-----------------------------|------------|---|--|--|

Pointed Chisel SDS-Plus



| | | | | |
|--------|------------|---|--|--|
| 250 mm | 34.777.125 | 1 | | |
| 400 mm | 34.777.140 | 1 | | |

Flat Chisel SDS-Plus



| | | | | |
|--------|------------|---|--|--|
| 250 mm | 34.777.225 | 1 | | |
| 400 mm | 34.777.240 | 1 | | |

Spade Chisel SDS-Plus



| | | | | |
|-----------|------------|---|--|--|
| 250x40 mm | 34.777.325 | 1 | | |
|-----------|------------|---|--|--|

Level Chisel SDS-Plus



| | | | | |
|--------|------------|---|--|--|
| 250 mm | 34.777.425 | 1 | | |
|--------|------------|---|--|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

BIT Set



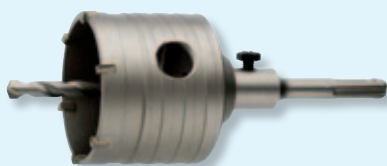
**7pcs, Top quality, Made in Germany,
1x magnetic holder, 1x PZ1, 1x PZ2, 1x PH1, 1x PH2, 1x 0,8x5,5, 1x 1,2x6,5**

30.880.017 1

**31 pcs, Top quality, Made in Germany
1x magnetic holder; slot: 4,5, 5,5 and 6,5 mm, TX: 10, 15, 20, 25, 30 und 40
Hexagonal: 3, 4 and 5 mm, 3x PZ: 1, 2 and 3, 3x PH: 1, 2 and 3**

30.880.031 1

Carbide Tipped Core Bit



suitable for sockets/junction box,
SDS-Plus connection
Ø 66 mm

30.875.060 1

suitable for sockets/junction box,
SDS-Plus connection
Ø 80 mm

30.875.080 1

Craftsman Bag



made of Polytex, 420x150x250mm

200.42.150.250 1

Craftsman Bag



with tools
 1x Comb pliers
 1x Telephone pliers
 1x Diagonal cutting pliers electrician screwdriver
 6pieces acc. VDE proof; up 1000Volt; tested with 10000V, from chrome-vanadium-steel 58 CrV4, Cross screw driver from chrome-vanadium-steel 61 SiCrV5, ergonomic 2 comp. handle;
 size: 6,5x150 5,5x124 4x100 2,5x75
 Cross Screwdriver PH1 and PH2
 1 Jokari cable stripping knife
 1 Jokari wire stripper
 1 voltage tester, Made in Germany VDE proofed 125-250V
 1 Universal saw
 1 Electrician chisel 10x8x250mm Made in Germany
 1 cross peen hammer
 1 painters spatula 40mm wooden handle
 1 plastering bath
 1 carpenter pencil
 1 balance 30cm
 1 folding ruler

200.42.150.500

LED Head Light



17 LED, adjustable, angle of inclination, dust and splashing water protected, battery: 3x1,5V AAA without battery

| | | | |
|------------|---|--|--|
| 99.490.017 | 1 | | |
|------------|---|--|--|

LED Flashlight



21 LED, super bright, aluminium case, dust and splashing water protected, incl. battery and bag

| | | | |
|------------|---|--|--|
| 99.497.021 | 1 | | |
|------------|---|--|--|

Construction Light (~700Watt)



Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back. ON/OFF switch. Inclusive 4x55 Watt „low energy“ compact lamps. Fitting 2 G 11 Dimensions: WxHxD 490x690x240 mm

| | | | |
|------------|---|--|--|
| 99.454.105 | 1 | | |
|------------|---|--|--|

Construction Light (~700Watt)



„Cold light“-work lamp., Advantage compared to Halogen Lights: approx. 4xbrighter light, approx. 10xlonger life span than usual bulb, approx. 10xlower temp., approx. 4xlower electricity consumption, possibility of high energy savings! Break and impact resistant plastic housing. With 2 sockets on the back. ON/OFF switch.Electronic ballast. With special rubber cable and water-jet protected earthed plug. Inclusive 3x36 Watt „low energy“ compact lamps. Dimensions: WxHxD 500x270x100 mm

| | | | |
|------------|---|--|--|
| 99.454.108 | 1 | | |
|------------|---|--|--|

Construction Light (~300Watt)



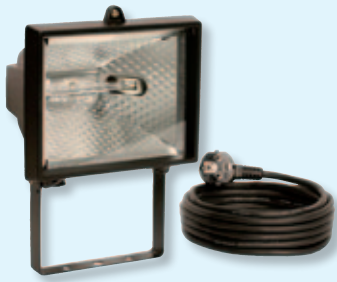
Extremely stable, surface-coated frame. Lights swivel and can be fixed. Comp. to halogen lights: appr. 4x brighter light, appr. 10x longer life span, appr. 10x lower temperature, appr. 4x lower electricity consumption. Break and impact resistant plastic housing. With 2 water-jet protected earthed sockets outlets 230V/16A with self-closing protective caps on the back.

ON/OFF switch. Inclusive 1x55 Watt „low energy“ compact lamps. Fitting GR10q Dimensions: WxHxD 290x290x80 mm

| | | | |
|------------|---|--|--|
| 99.454.110 | 1 | | |
|------------|---|--|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Halogen Floodlight



(IP44) incl. 5m rubber-sheathed cable H07 RN-F, 3G 1,0mm², suitable for outdoor use, Dimension WxHxD

BxHxT 350x280x170 mm
500 Watt (11.000 Lumen)

| | | | |
|------------|---|--|--|
| 99.400.050 | 1 | | |
|------------|---|--|--|

BxHxT 343x250x242 mm
1500 Watt (33.000 Lumen)

| | | | |
|------------|---|--|--|
| 99.400.150 | 1 | | |
|------------|---|--|--|

Telescopic tripod

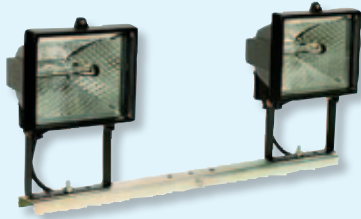


for construction lamps and halogen floodlights continuously adjustable

1,0-2,5 m

| | | | |
|------------|---|--|--|
| 99.444.250 | 1 | | |
|------------|---|--|--|

Crossbar

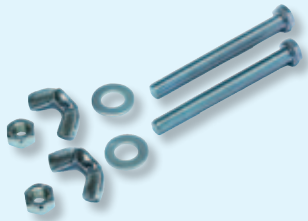


for installation of 2 halogen floodlights or construction lamps on the tripods

60 cm

| | | | |
|------------|---|--|--|
| 99.444.002 | 1 | | |
|------------|---|--|--|

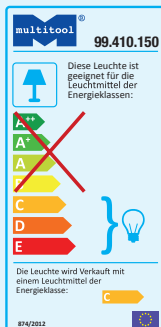
Screw Set



10 pcs. screw-set for the installation of 1 construction lamp on the suitable crossbar

| | | | |
|------------|---|--|--|
| 99.444.010 | 1 | | |
|------------|---|--|--|

Halogen Floodlight 1000 Watt



incl. 5m rubber-sheathed cable H07 RN-F, 3G1,0. The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension: WxHxD 405x400x340 mm, H07RN-F 3G 1,0mm² Cable

1000 Watt

| | | | |
|------------|---|--|--|
| 99.410.150 | 1 | | |
|------------|---|--|--|

Halogen Floodlight Economy



multitool 99.420.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

874/2012

(IP44) incl. 1,5m rubber-sheathed cable H05 W-F, 3G 0,75mm². The floodlights are made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension HxLxD 195x320x155 mm H05W-F 3G 0,75mm² cable

| | | | | |
|----------|------------|---|--|--|
| 500 Watt | 99.420.500 | 1 | | |
|----------|------------|---|--|--|

Halogen Floodlight Professional



multitool 99.420.502

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

874/2012

with 400 Watt bulb (=500W standard bulb) for permanent outside use, 5m cable H07RN-F, 3G1,0mm², stable protective lattice and a heat-resistant safety glass, large housing for better heat dissipation, leading to an increase in the life of the bulb, bulbs can be changed without using tools, Fitting R7S, Dimension HxLxD 260x360x230 mm H07RN-F 3G 1,0mm² cable

| | | | | |
|----------|------------|---|--|--|
| 500 Watt | 99.420.502 | 1 | | |
|----------|------------|---|--|--|

Halogen Floodlight 500Watt with mobile tripod



multitool 99.430.500

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: C

874/2012

tripod 0,8-1,8m 500 Watt, incl. 5m rubber cable H05 W-F, 3G 0,75mm². made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S and a junction box with grounding terminal. All models are suitable for outdoor areas. Dimension LxHxD 185x180x155mm

| | | | | |
|----------|------------|---|--|--|
| 500 Watt | 99.430.500 | 1 | | |
|----------|------------|---|--|--|

2 Halogen Floodlight with mobile tripod



multitool 99.430.520

Diese Leuchte ist geeignet für die Leuchtmittel der Energieklassen:

A++
A+
A
F
C
D
E

Die Leuchte wird verkauft mit einem Leuchtmittel der Energieklasse: D

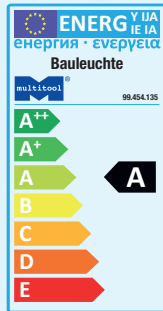
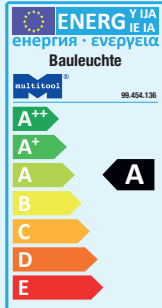
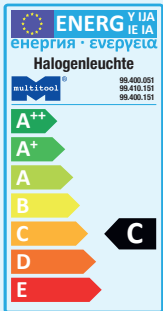
874/2012

500 Watt, incl. 3m rubber cable, made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S. Suitable for outdoor areas (IP 44). Tripod from 0,8 to 2,0m, H05W-F 3G 0,75mm² cable

| | | | | |
|--------------|------------|---|--|--|
| 2 x 500 Watt | 99.430.520 | 1 | | |
|--------------|------------|---|--|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Replacement Lamp



Replacement Lamp 500 Wat
for ref. 99.400.050, 99.420.500,
99.430.500, 99.430.520

99.400.051 1 5

Replacement Lamp 1000 Watt
for Halogenstrahler Art. 99.410.150

99.410.151 1 5

Replacement Lamp 1500 Watt
for ref. Art. 99.400.150

99.400.151 1 5

Replacement Lamp
for ref. Art. 99.454.108

99.454.136 1

Replacement Lamp
for ref. Art. 99.454.110

99.454.135 1

LED Battery Work Lamp



With 28 extra-bright LDs with special optics.
Approx. 4-5 hours constant use when fully charged. Integrated NI MH Battery.
Inclusive 230V charger. Rubber-clad housing. 360° swivelled, retractable hanging
hook and magnetised base for optimal attachment.
ON/OFF switch

99.414.028 1

LED Battery Work Lamp



2 step operation: Large light emitting surface with 36 extra-bright LEDs and special
optics, additionally a single Power LED at lamps head for extra long operation.
Integrated rechargeable NI MH Battery. Inclusive 230V charger and 12V charger for
cars. With fully charged battery up to 4 hours operation with the large light, and up
to 12 Hours with the single light. Shockproof casing with rubberised surface.
360° swivelled, retractable hanging hook and magnetised base for optimal
attachment.
ON/OFF switch

99.414.036 1

Cable Drum 40m


Splashwater protected, protection type IPX4 Plastic cable reels with H07RN F3G1,5 according to BGI 608 Design in plastic sheet, Ergonomic handle, Plug parking position, Rotation stop switch, Steel reel connected to earth, Can be used in standing or flat position, Extremely stable thanks to low centre of gravity

| | | | | |
|------|------------|---|--|--|
| 40 m | 31.500.040 | 1 | | |
|------|------------|---|--|--|

Cable Drum Ø1,5 16A 30m


According to BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding. With 3-pin safety cut-out and thermal overload protection. Earthed sockets connected to separate phases. 3 year manufactures guarantee. 30m black cable H07RN-F 5G1,5

| | | | | |
|------|------------|---|--|--|
| 30 m | 31.515.030 | 1 | | |
|------|------------|---|--|--|

Cable Drum Ø2,5 16A 20m


According to EN61316, BGI 608, VDE 0100 1CEE plug 400V/16A, 2 water-jet protected sockets 230V, 1 CEE socket 400V/16A. Reel body made from special Breflex plastic on a galvanised frame. Ergonomic handle and axle for precision cable-management when winding and rewinding, with 3-pin safety cut-out and thermal overload protection, earthed sockets connected to separate phases, 3 year manufactures guarantee, black H07RN-F 5G2,5 cable

| | | | | |
|------|------------|---|--|--|
| 20 m | 31.525.020 | 1 | | |
|------|------------|---|--|--|

Extender Cable 220V, black


Quality building site cable IP44 for outside use, on construction site, trade and industry, with earthed plug and socket, H07RN-R 3G1,5 cable

| | | | | |
|------|------------|---|--|--|
| 10 m | 31.561.010 | 1 | | |
| 25 m | 31.561.025 | 1 | | |

Extender Cable 220V, red


Quality building site cable IP44 for outside use, on construction site, trade and industry. With earthed plug and socket. H07RN-R 3G1,5 cable

| | | | | |
|------|------------|---|--|--|
| 10 m | 31.562.010 | 1 | | |
| 25 m | 31.562.025 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Extender Cable 220V, black, with Power block

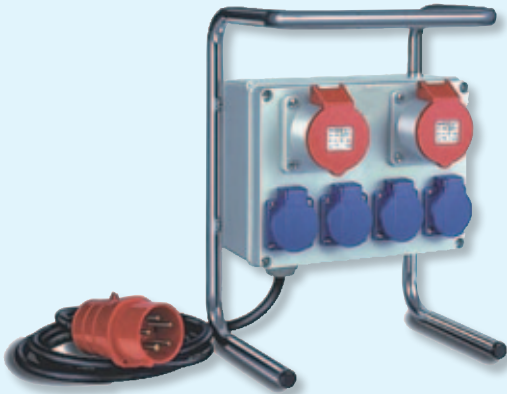

Heavy-duty cable IP 44 with Power block Ideal for hard outdoor use, trade, industry and construction sites, top quality, with break-resistant plastic housing.
4 water-jet protected socket outlets with self-closing protective caps against dust and contamination, with foldable metal hook

| | | | | |
|------|------------|---|--|--|
| 5 m | 31.584.005 | 1 | | |
| 10 m | 31.584.010 | 1 | | |

CEE Extender Cable 16A


IP44, black, for hard outdoor use, trade, industry and construction site.
H07RN 5G1,5

| | | | | |
|------|------------|---|--|--|
| 10 m | 31.571.010 | 1 | | |
|------|------------|---|--|--|

Small Energy Station


IP44, for hard outdoor use, trade, industry and construction site, H07RN-F 5G1,5, solid, break-resistant plastic housing, jet-water protected, earthed sockets with 3 phases.

| | | | | |
|--|------------|---|--|--|
| fitted to a robust, steel-tube frame for safe standing | 31.607.001 | 1 | | |
|--|------------|---|--|--|

Small Energy Station


like ref. 31.607.001 with handle for easy carrying

| | | | | |
|--|------------|---|--|--|
| | 31.607.100 | 1 | | |
|--|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Hot Glue Gun Economy



glue sticks Ø12 mm
 max. temperature: 205 °C
 voltage: 230 Vac
 heating-up time: 5 Minutes
 glue output: up to 600 g/h
 Nozzle unchangeable

| | | | |
|------------|---|--|--|
| 86.110.035 | 1 | | |
|------------|---|--|--|

Hot Glue Gun Professional



Semi-Industrial glue gun for very intensive use
 High glue output : up to 1600g/h
 Exchangeable nozzle Glue gun for professional users.
 Two pre-set temperatures (185°C and 200°C).
 High glue output (up to 1600 g/h). Silicon protected nozzle, and extra stable stand.
 Various types of nozzle are available as optional accessories.
 Adjustable temperature: Yes, Interchangeable nozzles: Yes, Heating time: 7min
 Glue stick diameter: 12mm Glue output g/h: 1600g/h Power W: 400W Width: 87.00
 Height: 325.00 Depth: 340.00 Weight: 1870 Use for: Use for Car industry, carton closing, electronic, wood assembly, furniture, cable fixing
 Material: Top Class ABS and Glass Fibre Packaging unit: 1
 Other: EG330 220-240V

| | | | |
|------------|---|--|--|
| 86.200.160 | 1 | | |
|------------|---|--|--|

Hot Glue Gun Battery



Glue gun with lithium-ionic battery, for sticks with Ø12mm, new heater, bi-injected handle, innovative trigger system and Li-Ion technology provide full flexibility, freedom and comfort to bond all kind of material adjustable temperature: no exchangeable nozzle: yes heating-up time: 4 min glue output: 350 g/h 300 Watt

| | | | |
|------------|---|--|--|
| 86.200.025 | 1 | | |
|------------|---|--|--|

Glue Sticks



transparent, length 19 cm, Ø12 mm, universal use pot life

| | | | |
|--------|------------|---|--|
| 20 sec | 86.110.060 | 1 | |
| 60 sec | 86.190.060 | 1 | |

Hot Air Gun Standard



Hot air gun for removing paint but also usable for lighting the barbecue, loosening tight nuts, bending metal/plastic pipes etc.

Comes with paint scrapers and nozzles, packed in a handy plastic case.

Features:

Over-heating protection, Safe usage in self-standing position, Cool Air Stage, Perfectly balanced, Hanger, Anti-Slip Soft Grip, Two temperature- and air blow levels, Ergonomic design

Set of paint scrapers and 4 nozzles included Airflow I/min500 I/min

Temperature C45/550° C

| | | | |
|------------|---|--|--|
| 86.300.210 | 1 | | |
|------------|---|--|--|

Hot Air Gun Professional




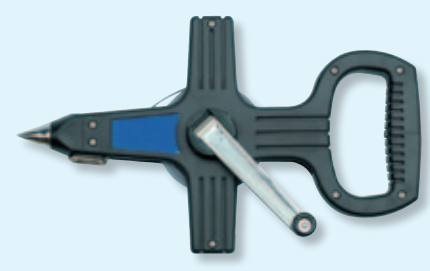
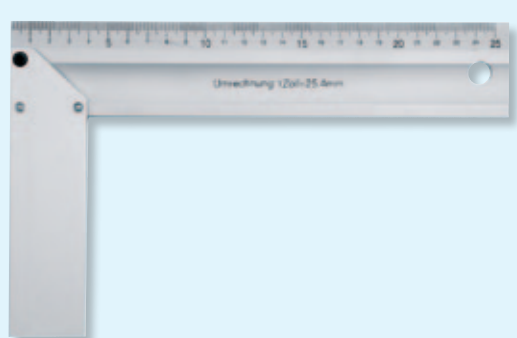


operates with programmable temperature and airflow to achieve a rapid shrink action.

I with 350°C; II with 500°C

2000 Watt

| | | | |
|------------|---|--|--|
| 86.300.250 | 1 | | |
|------------|---|--|--|

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--------------------------|------------|------------|--------------|------------|--------------|
| Folding Rule 2 m  | wood | 40.200.001 | 1 | | | |
| | glasfibre | 40.200.002 | 1 | | | |
| Vernier Caliper manual  | stainless | | | | | |
| | 150 mm | 31.400.001 | 1 | | | |
| Vernier Caliper digital  | display shows mm or inch | | | | | |
| | 150 mm | 31.400.003 | 1 | | | |
| Steel Measuring Tape  | steel | | | | | |
| | 50 m | 40.200.050 | 1 | | | |
| Try Square  | aluminium | | | | | |
| | 300 mm | 40.280.030 | 1 | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Water Balance



Aluminium

| | | | | |
|-------|------------|---|--|--|
| 40 cm | 40.220.040 | 1 | | |
| 60 cm | 40.220.060 | 1 | | |
| 80 cm | 40.220.080 | 1 | | |

Odometer



Measuring wheel for use on straight lines and curves.

- This mechanical metering wheel delivers accurate measured values at all ranges up to 9.999,9 m.
- Large, easy to read display with additional fine scale (1 - 9 cm) for precise measurement.
- Addition when wheels are turning forwards, Subtraction when wheels are turning backwards.
- The moving pointer shows the exact start and end positions.
- Folding design and softbag for easy transport.
- Well positioned brake and zero setting directly on handle.
- Non-wearing cardanic scale drive.
- Metering wheel with 1-metre circumference.

ACCURACY ± 0,1%
 RANGE 0 – 9.999,9 m
 WEIGHT 1,8 kg
 DIMENSIONS (W x H x D)
 318 x 1000 x 140 mm
 318 x 510 x 140 mm (folded)

including softbag

| | | | |
|------------|---|--|--|
| 85.200.100 | 1 | | |
|------------|---|--|--|

Laser Rangefinder

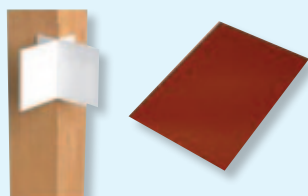


Laser Rangefinder up to 50 meters with lot of functions:

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

| | | | |
|------------|---|--|--|
| 85.200.051 | 1 | | |
|------------|---|--|--|

Target Plate



The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

| | | | |
|------------|---|--|--|
| 85.200.055 | 1 | | |
|------------|---|--|--|

Collomix Mixing Tool



1010 watt, compact 1-speed machine for a wide range of mixing jobs with a capacity of up to 40 litres. Very easy to use, featuring the very latest ergonomic design. Excellent gearbox ratio and electronic speed control

WK Ø 120

HEXAFIX® coupling

00.020.400

1

M14 coupling

00.020.406

1

1300 watt, 1300 watt, very powerful, 2-speed mixer for universal mixing jobs with excellent ergonomics, high torques provide sufficient power and speed even for high viscosity material, ideal quantity per mix - 65 litres.

WK Ø 140

HEXAFIX® coupling

00.020.412

1

M14 coupling

00.020.418

1

MK Ø 140

HEXAFIX® coupling

00.020.424

1

M14 coupling

00.020.430

1

1600 Watt, very powerful, 2-speed mixer
1. speed 410 rpm, 2. speed 580 rpm,
ideal quantity per mix 90 L

WK Ø 160

HEXAFIX® coupling

00.020.436

1

M14 coupling

00.020.442

1

Collomix Compulsory Mixer



Xo55 Counter-rotating mixing tool; No counter-torque acting on the user makes for light work with less physical effort, Electronic speed control, infinitely variable for smooth power transmission, stirrers in different colours so they can be fitted easily and correctly. New: Rubber protective sleeves keep the coupling clean and in order, changeable

HEXAFIX® coupling

00.020.448

1

Stirrer for Xo55 duo and CX-Duo

MKD 120 HF Ø 190 mm

00.040.070

1

MKD 140 HF Ø 210 mm

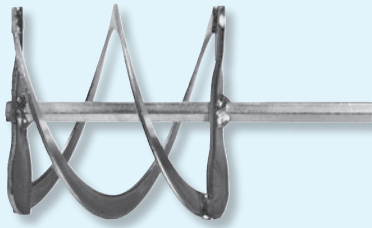
00.040.080

1

MK Stirrer

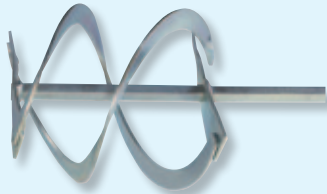

Three mixing helices for all heavy and highly-viscous materials. Mixing direction: downside up long 59 cm, height of cage 14/17/21 cm

| | | | | |
|--------------------|------------|---|--|--|
| M14 coupling | | | | |
| Ø 120 for 15-25 kg | 00.031.324 | 1 | | |
| Ø 140 for 25-35 kg | 00.031.326 | 1 | | |
| Ø 160 for 35-60 kg | 00.031.327 | 1 | | |
| HEXAFIX® coupling | | | | |
| Ø 120 for 15-25 kg | 00.040.114 | 1 | | |
| Ø 140 for 25-35 kg | 00.040.115 | 1 | | |
| Ø 160 for 35-60 kg | 00.040.116 | 1 | | |

WK Stirrer


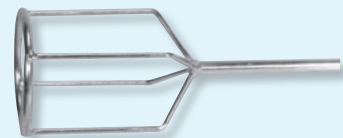
Suitable for diverse applications, the WK mixing tool is notable for outstanding conveyance of the material. With two wide mixing helices for easy guidance in the material and minimal stress on the drive machine. Ideal for all sticky and viscous materials. Suitable for tile adhesives, construction adhesives, ready-mixed mortar and plaster, fillers, screed, cement, etc. Mixing direction: downside up

| | | | | |
|---------------------------------|------------|---|--|--|
| hexagonal coupling | | | | |
| Ø 100 for 10-20 kg | 00.041.248 | 1 | | |
| Ø 120 for 15-25 kg | 00.041.247 | 1 | | |
| M14 coupling, length 60 cm | 00.041.269 | 1 | | |
| Ø 120 for 15-25 kg | | | | |
| Ø 160 for 25-35 kg | 00.041.319 | 1 | | |
| HEXAFIX® coupling, length 59 cm | | | | |
| Ø 120 for 15-25 kg | 00.040.112 | 1 | | |
| Ø 140 for 25-35 kg | 00.040.113 | 1 | | |
| Ø 160 for 35-60 kg | 00.040.123 | 1 | | |

Spiral Stirrer without Guard Ring


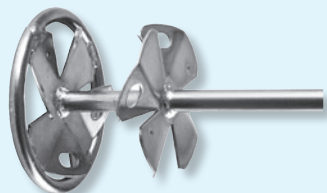
for Fliesenkleber, Fugenmörtel, Fertigmörtel, Mischwirkung: von unten nach oben, length 60 cm, Korbhöhe 10 cm

| | | | | |
|---------------------------------|------------|---|--|--|
| hexagonal coupling | 00.031.085 | 1 | | |
| Ø 85 for 10-15 kg | | | | |
| hexagonal coupling, length 40cm | | | | |
| Ø 100 für 15-20 kg | 00.031.320 | 1 | | |

KR Stirrer


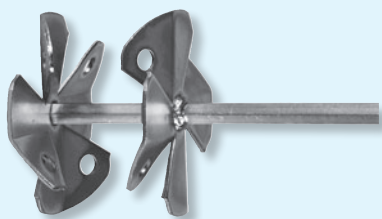
generates high shear forces which prevent the formation of lumps. The crossbar helps scrape material off the bottom of the tub. The mixing tool has good corner smoothness in the tub. Ideal for all sticky materials. Specially suitable for self-levelling materials (ARDEX, PCI, UZIN..), adhesives, sealants, fillers, epoxy mixes, Mixing direction: turbulence

| | | | | |
|--------------------|------------|---|--|--|
| M14 coupling | | | | |
| Ø 120 for 15-25 kg | 00.031.024 | 1 | | |
| Ø 140 for 25-35 kg | 00.041.635 | 1 | | |
| Ø 160 for 35-60 kg | 00.041.636 | 1 | | |
| HEXAFIX® coupling | | | | |
| Ø 120 for 15-25 kg | 00.041.732 | 1 | | |
| Ø 140 for 25-35 kg | 00.041.735 | 1 | | |
| Ø 160 for 35-60 kg | 00.041.736 | 1 | | |

Double-Disk Stirrer with Guard-Ring


for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials, etc. Mixing direction: upside down

| | | | | |
|----------------------------|------------|---|--|--|
| M14 coupling, length 60 cm | | | | |
| Ø 140 for 25-35 kg | 00.033.140 | 1 | | |
| Ø 160 for 35-60 kg | 00.033.160 | 1 | | |

Double-Disk Stirrer without Guard-Ring


for the preparation of thin-bed mortar for the cementing of concrete precision blocks. The two turbine blades, provide a strong flow of material to prevent the formation of lumps. Ideal for levelling compounds and liquid materials etc. Mixing direction: upside down

| | | | | |
|---|------------|---|--|--|
| hexagonal coupling, 10 mm, length 50 cm Ø 80 for 5-10 kg | 00.031.080 | 1 | | |
| M14 coupling, length 60 cm Ø 120 for 15-25 kg | 00.031.120 | 1 | | |
| Ø 150 for 25-40 kg | 00.031.150 | 1 | | |

Single Disk Stirrer


generates a powerful flow in the material for optimum results in super-fast time, it let you work effortlessly, with minimum physical strain Ideal for liquid and spreading materials. Suitable for paints, primer coats, epoxy-resins, etc. Mixing direction: downside up

| | | | | |
|---|------------|---|--|--|
| hexagonal coupling, 10 mm, length 50 cm Ø 90 for 5-10 kg | 00.040.950 | 1 | | |
| hexagonal coupling, 13 mm, length 59 cm Ø 120 for 10-25 kg | 00.040.960 | 1 | | |
| HEXAFIX® coupling, length 59 cm Ø 120 for 15-25 kg | 00.040.108 | 1 | | |
| M14 coupling, length 59 cm Ø 120 for 15-25 kg | 00.040.970 | 1 | | |

Bitumen Stirrer

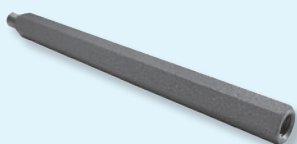

generates high shear forces which prevent the formation of lumps. The mixing tool supports a good material removal from the bottom and rim of the tub. Special mixing paddle for mixing 1- and 2-component bitumen materials. Mixing direction: upside down

| | | | | |
|---|------------|---|--|--|
| HEXAFIX® coupling Ø 170 for 25-40 kg | 00.040.140 | 1 | | |
| M14 coupling Ø 170 for 25-40 kg | 00.040.141 | 1 | | |

Paint Stirrer


Suitable for fluid materials. Ideal for paints, lacquers, primers, fine and creamy plasters, etc. Mixing direction: downside up

| | | | | |
|---|------------|---|--|--|
| hexagonal coupling Ø60 for 0-5 kg | 00.040.880 | 1 | | |
| Ø80 for 5-10 kg | 00.040.881 | 1 | | |
| Ø100 for 10-20 kg | 00.040.882 | 1 | | |
| Ø120 for 20-30 kg | 00.040.883 | 1 | | |
| HEXAFIX® coupling Ø 120 for 20-30 kg | 00.040.102 | 1 | | |
| M14 coupling Ø 100 for 10-20 kg | 00.040.884 | 1 | | |
| Ø 120 for 20-30 kg | 00.040.886 | 1 | | |

Stirrer Extension


| | | | | |
|-------|------------|---|--|--|
| 15 cm | 00.032.215 | 1 | | |
| 25 cm | 00.032.225 | 1 | | |
| 40 cm | 00.032.240 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Flake Suction Gun



1,2 mm suction tube, suitable for colour flakes sizes 0.5, 1, 3 and 5
Product outlet Ø 27 mm
Compressor with 400-450l/min necessary

| | | | |
|------------|---|--|--|
| 87.001.100 | 1 | | |
|------------|---|--|--|

Flake Hopper Gun



5 litre nylon container, suitable for colour flakes sizes 0.5, 1 and 3.
Air consumption approximately 90 l.p.m.
Compressor necessary

| | | | |
|------------|---|--|--|
| 87.001.200 | 1 | | |
|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Plastic Construction Bucket



Made from high-grade polyethylene regenerate mixture, black, galvanised bracket

| | | | | |
|------|------------|---|--|--|
| 12 L | 99.100.012 | 5 | | |
|------|------------|---|--|--|

Mixing Bucket



| | | | | |
|-------------------|------------|---|--|--|
| height 37 cm 30 l | 99.200.030 | 5 | | |
| height 52 cm 75 l | 99.205.075 | 1 | | |

Mixing Barrel black



| | | | | |
|---|------------|---|--|--|
| Dimensions inside (outside) top: 53 (58,5)cm, bottom: 44,5 (46,5)cm, height: 34 (34,5)cm 65 l | 99.200.065 | 3 | | |
| Dimensions inside top: 57cm, bottom: 48cm, height 38cm, 90 L | 99.200.090 | 3 | | |

Mixing Barrel



| | | | | |
|--|------------|---|--|--|
| Dimensions inside top: 54cm, bottom: 45cm height 33cm, white 65 L | 99.205.065 | 3 | | |
| with alu-ring Measure outside: above/ below: 650/500x400mm inside: 600/490x380mm Colour: nature Material: PE-HD Temperature resistance: between 30°C up to +50°C short term for cleaning up to +90°C | 99.200.080 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

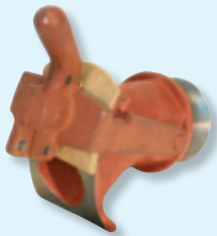
Measuring Cup



open handle, stackable

| | | | |
|---------------|------------|---|----|
| 50 ml | 40.600.050 | 1 | 10 |
| 100 ml | 40.600.100 | 1 | 10 |
| 250 ml | 40.600.250 | 1 | 6 |
| 500 ml | 40.600.500 | 1 | 6 |
| 1 L | 40.600.001 | 1 | 6 |
| 2 L | 40.600.002 | 1 | 2 |
| 3 L | 40.600.003 | 1 | 2 |
| closed handle | | | |
| 5 L | 40.600.005 | 1 | 2 |

Evacuation Cock



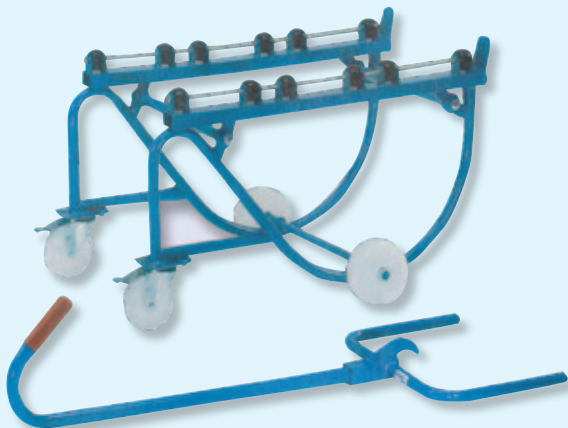
| | | | |
|-------------------|------------|---|--|
| Cast Iron 2" | 99.500.102 | 1 | |
| Polyethylene 2" | 99.500.202 | 1 | |
| Polyethylene 3/4" | 99.500.203 | 5 | |
| rubber seal 2" | 99.510.002 | 1 | |

Barrel Plug key



| | | |
|------------|---|--|
| 99.500.301 | 1 | |
|------------|---|--|

Barrel Dump



Barrel Tip-Support for lifting, storing and filling of 200l barrels, size 68x80cm

| | | |
|------------|---|--|
| 99.500.410 | 1 | |
|------------|---|--|

Bucket Carrier



Aluminium-steel-construction with aluminium shovel and high-grade plastic parts. Air filled wheels. Hubs with needle bearings. Comfortable anti slip pull bar. Elastic adjusting straps for saving the transport goods. Shovel and wheels hinged with one grip. Retractable gripping bars. Loading capacity 250kg, Length of shovel 45cm, width of shovel approx. 60cm, Total width approx. 66cm, net weight 12,6Kg Dimensions folded: high approx. 85cm, width approx. 66cm, depth approx. 13cm Dimensions opened: height approx. 174cm, width approx. 66cm, depth approx. 74cm

| | | | |
|------------|---|--|--|
| 99.500.420 | 1 | | |
|------------|---|--|--|

Bucket Carrier



cheap solution for transporting mixing buckets on site Without bucket

| | | | |
|------------|---|--|--|
| 46.100.000 | 1 | | |
|------------|---|--|--|

Which abrasive for what kind of Substrate

Diamond:

When deciding what kind of diamond cup wheels should be adopted in your application, you should first examine the hardness and nature of the concrete (or other materials) you are going to grind. If the concrete is hard, the bond of the diamond cup wheel should be softer. Because diamonds are apt to become blunt when grinding hard concrete. The softer bond can be worn down with the blunt diamonds faster, and then make new diamonds beneath be more easily exposed to participate in cutting the hard concrete. If the concrete is relatively softer, the bond should be harder. For diamonds can last longer when grinding softer concrete. The harder bond wears slower, so that it can hold the diamonds longer. This can make better use of the diamonds and prolong the cup wheel's service life.

Coarse diamond grit is suitable for cutting soft materials, and fine diamond grit is suitable for hard materials, because smaller diamonds are more easily to cut into hard materials.

Corundum:

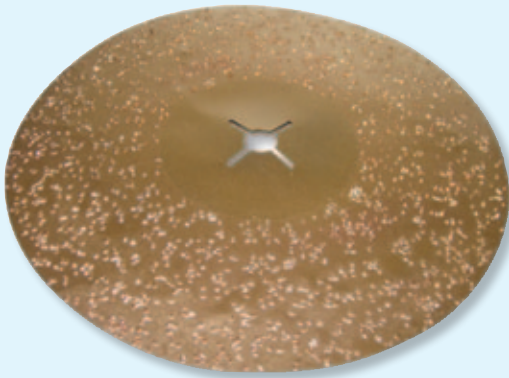
Corundum is the most popular abrasive material. Because of its hardness (pure corundum is defined to have 9.0 Mohs), it can scratch almost every other mineral. According to its composition it is classified in different types.

- white nearly 99,9% of aluminiumoxyde. Use for polishing glass and steal.
- pink has some impurities other than that same as white product.
- ruby has more impurities especially Cr2O3 (chrom(III)-oxyde). Use for grinding high alloyed steal.
- Normal Corundum colour brown 94% Al2O3. Its ductile values allows high preassure to the grindg tool. Use for cast steel

Silicon Carbide (Carborundum):

Silicon carbide is a popular abrasive in modern lapidary due to the durability and low cost of the material. In manufacturing, it is used for its hardness in abrasive machining processes such as grinding, honing, water-jet cutting and sandblasting. The material formed in the Acheson furnace varies in purity, according to its distance from the graphite resistor heat source. Colorless, pale yellow and green crystals have the highest purity and are found closest to the resistor. The color changes to blue and black at greater distance from the resistor, and these darker crystals are less pure. Black silicon carbide is mainly used for abrasive in construction business.

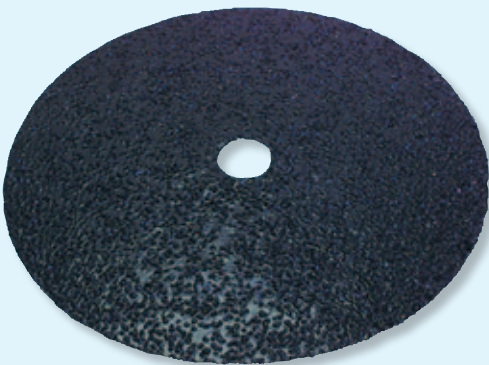
Carbide Disc



Double Sided Metal Sanding Disk hole diameter 2,5cm

| | | | |
|---------------------------|-----------|---|--|
| Ø375 mm | | | |
| granulation coarse | 52.H37.16 | 1 | |
| granulation medium coarse | 52.H37.24 | 1 | |
| Ø400 mm | | | |
| granulation coarse | 52.H40.16 | 1 | |
| granulation medium coarse | 52.H40.24 | 1 | |
| granulation fine | 52.H40.36 | 1 | |
| Ø430 mm | | | |
| granulation coarse | 52.H43.16 | 1 | |
| granulation medium coarse | 52.H43.24 | 1 | |

Double Sided Sanding Disk



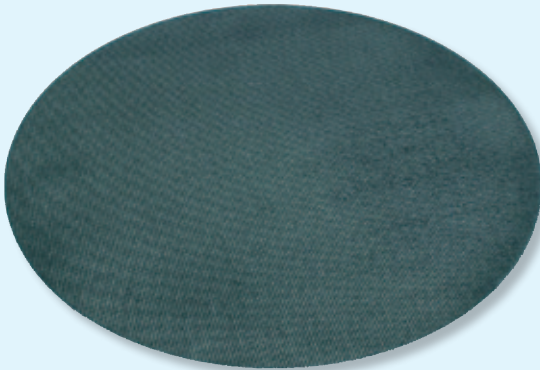
with silicon carbide Ø500 on request

| | | | |
|-----------------|------------|----|--|
| Ø375 mm | | | |
| granulation 12 | 52.375.12 | 10 | |
| granulation 16 | 52.375.16 | 10 | |
| granulation 24 | 52.375.24 | 10 | |
| granulation 40 | 52.375.40 | 10 | |
| granulation 60 | 52.375.60 | 10 | |
| granulation 80 | 52.375.80 | 10 | |
| granulation 120 | 52.375.120 | 10 | |
| Ø400 mm | | | |
| granulation 12 | 52.400.12 | 10 | |
| granulation 16 | 52.400.16 | 10 | |
| granulation 24 | 52.400.24 | 10 | |
| granulation 40 | 52.400.40 | 10 | |
| granulation 60 | 52.400.60 | 10 | |
| granulation 80 | 52.400.80 | 10 | |
| granulation 120 | 52.400.120 | 10 | |
| Ø430 mm | | | |
| granulation 12 | 52.430.12 | 10 | |
| granulation 16 | 52.430.16 | 10 | |
| granulation 24 | 52.430.24 | 10 | |
| granulation 40 | 52.430.40 | 10 | |
| granulation 60 | 52.430.60 | 10 | |
| granulation 80 | 52.430.80 | 10 | |
| granulation 120 | 52.430.100 | 10 | |

with silicon carbide, Import Quality

| | | | |
|----------------|-----------|----|--|
| Ø400 mm | | | |
| granulation 16 | 52.411.16 | 10 | |
| granulation 24 | 52.411.24 | 10 | |
| granulation 36 | 52.411.36 | 10 | |

Sanding screen



with silicon carbide

Ø375 mm

| | | | |
|-----------------|------------|----|--|
| granulation 60 | 52.238.060 | 10 | |
| granulation 80 | 52.238.080 | 10 | |
| granulation 100 | 52.238.100 | 10 | |
| granulation 150 | 52.238.150 | 10 | |
| granulation 180 | 52.238.180 | 10 | |

Ø400 mm

| | | | |
|-----------------|------------|----|--|
| granulation 60 | 52.240.060 | 10 | |
| granulation 80 | 52.240.080 | 10 | |
| granulation 100 | 52.240.100 | 10 | |
| granulation 150 | 52.240.150 | 10 | |
| granulation 180 | 52.240.180 | 10 | |

Ø430 mm

| | | | |
|-----------------|------------|----|--|
| granulation 60 | 52.243.060 | 10 | |
| granulation 80 | 52.243.080 | 10 | |
| granulation 100 | 52.243.100 | 10 | |
| granulation 150 | 52.243.150 | 10 | |
| granulation 180 | 52.243.180 | 10 | |

Corundum grinding ring



Corundum grinding ring for drive disk

| | | | |
|-------------------------------------|------------|---|--|
| 400 x 320 x 90 mm granulation 16 | 52.410.016 | 1 | |
|-------------------------------------|------------|---|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

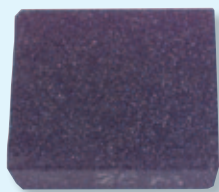
Grinding Pot



for concrete, stone und masonry, made of silicone carbide, Ø 110 mm

| | | | |
|-----------------------------------|------------|---|--|
| bore 22 mm without thread | | | |
| granulation 16/24 | 54.110.916 | 2 | |
| granulation 24/36 | 54.110.924 | 2 | |
| bore 22 mm with thread M14 | | | |
| granulation 16/24 | 54.120.916 | 2 | |
| granulation 24/36 | 54.120.924 | 2 | |

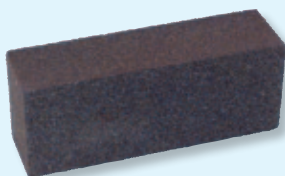
Grinding Segments



made of silicon carbide, with 2 inside threads M6, 90x75x40mm

| | | | |
|----------------|------------|---|--|
| granulation 20 | 55.090.720 | 1 | |
| granulation 40 | 55.090.740 | 1 | |

Hand Grinder



made of silicon carbide

| | | | |
|---|------------|---|--|
| 15 x 5 x 5 cm, granulation 24 synthetic resin bond | 53.300.002 | 1 | |
| 18 x 70 x 5 cm, granulation 40 ceramic bond | 53.300.001 | 1 | |

Grinding Disk



for concrete, stone und masonry, made of silicone carbide

| | | | |
|------------------|------------|----|--|
| 115x6x22 mm | 53.115.001 | 2 | |
| 125x6x22 mm | 53.125.001 | 2 | |
| for steel | 53.115.161 | 10 | |
| 115x6x22 mm | 53.125.161 | 10 | |
| 125x6x22 mm | 53.125.161 | 10 | |
| 180x6x22 mm | 53.180.161 | 10 | |

ZEC-Grinding Disk



with silicone carbide

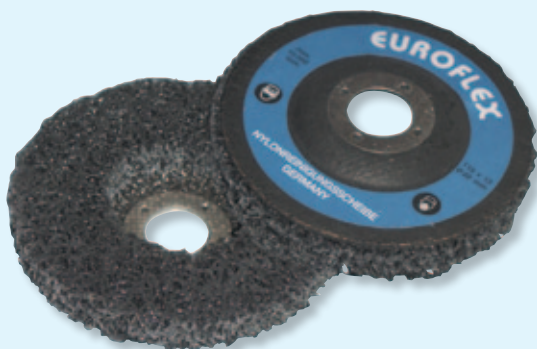
| | | | |
|-----------------|------------|---|--|
| Ø 115 mm | | | |
| granulation 16 | 52.115.016 | 5 | |
| granulation 24 | 52.115.024 | 5 | |
| granulation 36 | 52.115.036 | 5 | |
| granulation 80 | 52.115.080 | 5 | |
| Ø 125 mm | | | |
| granulation 16 | 52.125.016 | 5 | |
| granulation 24 | 52.125.024 | 5 | |
| granulation 36 | 52.125.036 | 5 | |
| Ø 178 mm | | | |
| granulation 16 | 52.178.016 | 5 | |
| granulation 24 | 52.178.024 | 5 | |
| granulation 36 | 52.178.036 | 5 | |
| granulation 60 | 52.178.060 | 5 | |
| granulation 80 | 52.178.080 | 5 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

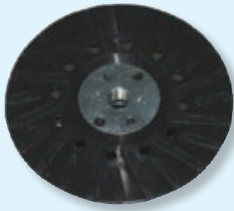
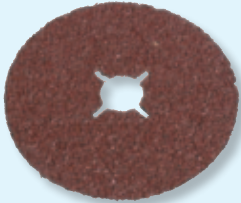
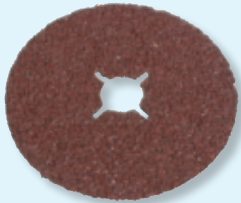

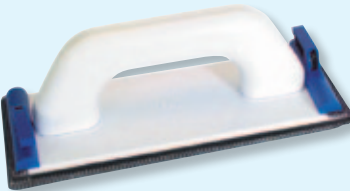

Grinding Mop Disk

zirconium corundum on glasfibre disk

| | | | | |
|-----------------|------------|----|--|--|
| Ø 115 mm | | | | |
| granulation 40 | 52.115.440 | 10 | | |
| granulation 60 | 52.115.460 | 10 | | |
| granulation 80 | 52.115.480 | 10 | | |
| Ø 125 mm | | | | |
| granulation 40 | 52.125.440 | 10 | | |
| granulation 60 | 52.125.460 | 10 | | |
| granulation 80 | 52.125.480 | 10 | | |

Cleaning Disk

suitable for removing paint/varnish from steel and cleaning weldseam, max. 63 m/s rpm

| | | | | |
|--------------|------------|---|--|--|
| 115x13x22 mm | 52.115.801 | 5 | | |
| 125x13x22 mm | 52.125.801 | 5 | | |

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|---|---|------------|------------|-------------|------------|-------------|
| Ground Plate  | supports ZEC grinding disk | | | | | |
| | Ø 115 mm | 52.115.000 | 1 | | | |
| | Ø 125 mm | 52.125.000 | 1 | | | |
| | Ø 178 mm | 52.178.000 | 1 | | | |
| Flexible Grinding Disk Metal  | with korund in synthetic resin bonding (for metal), flat cross cut hole 22 mm | | | | | |
| | Ø 115 mm | | | | | |
| | granulation 40 | 53.115.040 | 50 | | | |
| | granulation 60 | 53.115.060 | 50 | | | |
| | granulation 80 | 53.115.080 | 50 | | | |
| Flexible Grinding Disk Stone  | with silicon carbide in synthetic resin bonding (for concrete, stone), flat cross cut hole 22 mm | | | | | |
| | Ø 115 mm | | | | | |
| | granulation 36 | 53.115.236 | 50 | | | |
| | granulation 60 | 53.115.260 | 50 | | | |
| | Ø 125 mm | | | | | |
| | granulation 40 | 53.125.040 | 50 | | | |
| | granulation 60 | 53.125.060 | 50 | | | |
| | granulation 80 | 53.125.080 | 50 | | | |
| | Ø 178 mm | | | | | |
| | granulation 16 | 53.178.016 | 50 | | | |
| | granulation 24 | 53.178.024 | 50 | | | |
| | granulation 40 | 53.178.040 | 50 | | | |
| | granulation 60 | 53.178.060 | 50 | | | |
| granulation 80 | 53.178.080 | 50 | | | | |
| Grinding Float  | carbide granulation, 12x22 cm | | | | | |
| | granulation 14 | 52.120.014 | 1 | | | |
| | granulation 24 | 52.120.024 | 1 | | | |
| Hand Grinder  | with quick release | | | | | |
| | | 56.200.001 | 1 | | | |
| Sanding Grid  | 93 x 280 mm | | | | | |
| | granulation 80 | 56.100.080 | 10 | | | |
| | granulation 100 | 56.100.100 | 10 | | | |
| | granulation 120 | 56.100.120 | 10 | | | |
| | granulation 180 | 56.100.180 | 10 | | | |
| | granulation 220 | 56.100.220 | 10 | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Sanding Drum E-Paper

E-Paper 220-270 g, dens coated with aluminium oxide, synthetic resin bonded, 115 x 50 m

| | | | | |
|-----------------|------------|---|--|--|
| granulation 60 | 53.415.060 | 1 | | |
| granulation 80 | 53.415.080 | 1 | | |
| granulation 120 | 53.415.120 | 1 | | |
| granulation 180 | 53.415.180 | 1 | | |
| granulation 240 | 53.415.240 | 1 | | |

Sanding Drum C-Paper

C-Paper 110-135 g, dens coated with aluminium oxide, synthetic resin bonded, 115 x 50 m

| | | | | |
|-----------------|------------|---|--|--|
| granulation 60 | 53.413.060 | 1 | | |
| granulation 80 | 53.413.080 | 1 | | |
| granulation 120 | 53.413.120 | 1 | | |
| granulation 180 | 53.413.180 | 1 | | |
| granulation 240 | 53.413.240 | 1 | | |

Sanding Paper flexible C-Paper

C-Latex-Paper 110-135 g, dense coated with aluminium oxide, synthetic resin bonded, 230 x 280 mm

| | | | | |
|-----------------|------------|---|--|--|
| granulation 60 | 53.400.060 | 5 | | |
| granulation 80 | 53.400.080 | 5 | | |
| granulation 120 | 53.400.120 | 5 | | |

Sanding Disk Velcro

coated with aluminium oxide, synthetic resin bonded, perforated 8+1 holes

| | | | | |
|-------------------------|------------|----|--|--|
| Ø115 mm | | | | |
| granulation 40 | 53.416.040 | 50 | | |
| granulation 60 | 53.416.060 | 50 | | |
| granulation 80 | 53.416.080 | 50 | | |
| granulation 120 | 53.416.120 | 50 | | |
| Ø 125 mm | | | | |
| granulation 40 | 53.425.040 | 50 | | |
| granulation 60 | 53.425.060 | 50 | | |
| granulation 80 | 53.425.080 | 50 | | |
| granulation 120 | 53.425.120 | 50 | | |
| Ø 125 mm Economy | | | | |
| granulation 40 | 53.423.040 | 10 | | |
| granulation 60 | 53.423.060 | 10 | | |
| granulation 80 | 53.423.080 | 10 | | |
| granulation 100 | 53.423.100 | 10 | | |
| granulation 120 | 53.423.120 | 10 | | |
| granulation 150 | 53.423.150 | 10 | | |

Sanding Disk Velcro

silicon carbide, stearate bonded - suitable for varnish, perforated 8+1 holes

| | | | | |
|-----------------|------------|-----|--|--|
| Ø 115 mm | | | | |
| granulation 180 | 53.516.180 | 100 | | |
| granulation 240 | 53.516.240 | 100 | | |
| Ø 125 mm | | | | |
| granulation 180 | 53.525.180 | 100 | | |
| granulation 240 | 53.525.240 | 100 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Sanding Disk Velcro



coated with aluminium oxide, synthetic resin bonded, perforated 8+1 holes

Ø 150 mm

| | | | | |
|-----------------|------------|-----|--|--|
| granulation 40 | 53.450.040 | 50 | | |
| granulation 60 | 53.450.060 | 50 | | |
| granulation 80 | 53.450.080 | 50 | | |
| granulation 120 | 53.450.120 | 50 | | |
| granulation 180 | 53.450.180 | 100 | | |
| granulation 240 | 53.450.240 | 100 | | |

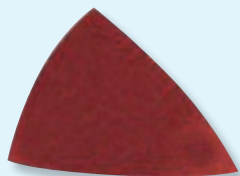
Sanding Pad Festo Delta grinder Velcro



E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded, perforated 6 holes Dimension: 93x93x93mm price per pack of 50pcs

| | | | | |
|-----------------|------------|---|--|--|
| granulation 40 | 53.347.040 | 1 | | |
| granulation 60 | 53.347.060 | 1 | | |
| granulation 80 | 53.347.080 | 1 | | |
| granulation 120 | 53.347.120 | 1 | | |

Sanding Pad Fein Delta grinder Velcro



E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded Dimension: 85x85x85 mm price per pack of 50pcs

| | | | | |
|----------------|------------|---|--|--|
| granulation 40 | 53.380.040 | 1 | | |
| granulation 60 | 53.380.060 | 1 | | |
| granulation 80 | 53.380.080 | 1 | | |

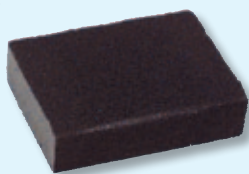
Sanding Pad Bosch, Makita, Metabo, etc. Delta grinder Velcro



E-Paper 220-270 g/m², coated with aluminium oxide, synthetic resin bonded, perforated 6 holes Dimension: 95x95x95 mm price per pack of 50pcs

| | | | | |
|-----------------|------------|---|--|--|
| granulation 40 | 53.390.040 | 1 | | |
| granulation 60 | 53.390.060 | 1 | | |
| granulation 80 | 53.390.080 | 1 | | |
| granulation 120 | 53.390.120 | 1 | | |

Sanding Sponge



for wet and dry grinding, 4 sides sanded, 10 x 7 x 2,6 cm

| | | | | |
|-----------------|------------|---|--|--|
| granulation 80 | 56.200.080 | 2 | | |
| granulation 100 | 56.200.100 | 2 | | |
| granulation 180 | 56.200.180 | 2 | | |

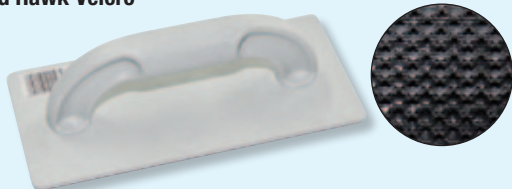
Grinding Fleece Role



made of corundum, for wet and dry grinding, also for eccentric sanding machine and oscillating sander 115 mm x 10 m

| | | | | |
|-----------------|------------|---|--|--|
| granulation 120 | 53.115.120 | 1 | | |
| granulation 180 | 53.115.180 | 1 | | |
| granulation 320 | 53.115.320 | 1 | | |

Pad Hawk Velcro



100 x 235 mm

| | | | | |
|--|------------|---|--|--|
| | 56.340.010 | 1 | | |
|--|------------|---|--|--|

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Pad  | for pad hawk, 115x250 mm | | | | | |
| | black, coarse | 56.340.001 | 1 | | 10 | |
| | blue, medium | 56.340.003 | 1 | | 10 | |
| | white, soft | 56.340.005 | 1 | | 10 | |
| Floorpads, Superpads  | thickness 20 mm, Ø406 mm | | | | | |
| | black, hard fleece for cleaning purpose | 52.340.001 | 5 | | | |
| | green, medium to hard fleece for cleaning purpose not to be used on PVC | 52.340.002 | 5 | | | |
| | red, medium to soft fleece for cleaning purpose can be used on PVC | 52.340.003 | 5 | | | |
| | beige, soft fleece for polishing purpose | 52.340.004 | 5 | | | |
| | white, very soft fleece for polishing purpose | 52.340.005 | 5 | | | |
| High Speed Pad  | thickness 20-25 mm, for high-speed-machine with 800-3000 rpm | | | | | |
| | natural hair A pad made of natural fibres for buffing and polishing floors, leaving a wet look finish (Soft Wax) | 52.840.001 | 5 | | | |
| | ivory (off white) Removes stains and traffic stripes leaving a high gloss finish | 52.840.003 | 5 | | | |
| | natural grey A pad made of natural fibres for buffing and polishing floors, leaving a wet look finish (Hard Wax) | 52.840.002 | 5 | | | |
| | pink A buffing and polishing pad that avoids excessive wear to protective coating | 52.840.005 | 5 | | | |
| | light blue A buffing and polishing pad that avoids excessive wear to the protective coating on floors | 52.840.006 | 5 | | | |
| | peach A polishing pad, suitable for spray cleaning | 52.840.004 | 5 | | | |

Flooring

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

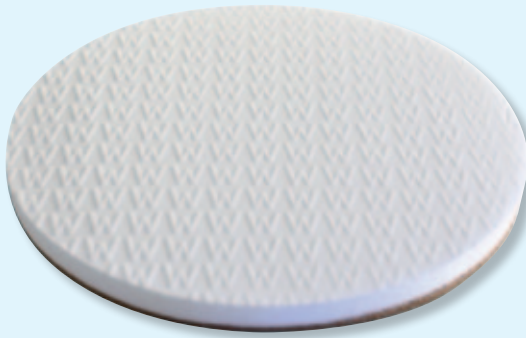
Cleaning Sponge



cleans and restores up to 5 times more floor than any other sponges on the market. Designed for use on stone, concrete, VCT, marble and other porous floor surfaces. This highly effective sponge will clean most dirt and marks with water alone, and for more stubborn marks with a mild detergent. No need to clean the sponge between uses for various substrates.

| | | | | |
|--------------|------------|---|--|--|
| 115x65x25 mm | 52.602.115 | 1 | | |
|--------------|------------|---|--|--|

Cleaning Pad



cleans and restores up to 5 times more floor than any other sponges on the market. Designed for use on stone, concrete, VCT, marble and other porous floor surfaces. This highly effective pads will clean most dirt and marks with water alone, and for more stubborn marks with a mild detergent. No need to clean the sponge between uses for various substrates.

Ø406 mm more Ø on request

| | | | | |
|--|------------|---|--|--|
| | 52.603.400 | 5 | | |
|--|------------|---|--|--|

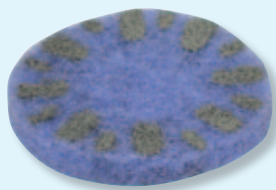
Cleaning Pad for Handpad Holder



cleans and restores up to 5 times more floor than any other sponges on the market. Designed for use on stone, concrete, VCT, marble and other porous floor surfaces. This highly effective pads will clean most dirt and marks with water alone, and for more stubborn marks with a mild detergent. No need to clean the sponge between uses for various substrates.

| | | | | |
|------------|------------|---|--|--|
| 11,5x25 cm | 52.604.025 | 1 | | |
|------------|------------|---|--|--|

Cleaning and Grinding Pad



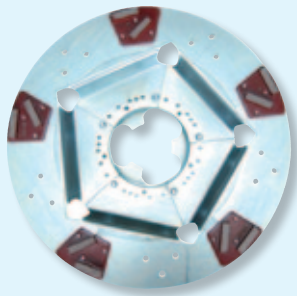
a patented sanding compound with diamonds affixed to a specially designed pad,

coarse: colour code grey/turquoise Step 0 (for slightly wet surfaces)
 medium: colour code black Step 1 (for dry surfaces)
 fine: colour code red Step 2 (for dry surfaces)

| | | | | |
|---------|------------|---|--|--|
| Ø180 mm | | | | |
| coarse | 52.605.180 | 1 | | |
| medium | 52.605.181 | 1 | | |
| fine | 52.605.182 | 1 | | |
| Ø220 mm | | | | |
| coarse | 52.605.220 | 1 | | |
| medium | 52.605.221 | 1 | | |
| fine | 52.605.222 | 1 | | |
| Ø400 mm | | | | |
| coarse | 52.605.400 | 1 | | |
| medium | 52.605.401 | 1 | | |
| fine | 52.605.402 | 1 | | |

Selection of Grinding Segments

| Substrate | grain 16/20 55.730.016 | grain 16/20 55.710.016 | grain 60/80 55.720.060 | pkd splitt 55.810.010 | pkd 55.810.000 |
|----------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------|
| hard concrete | yes | | | | |
| soft concrete | | yes | | | |
| screed (cement skin) | | | yes | | |
| mastic asphalt | | yes | | | |
| epoxyresin (thin) | yes | | | | |
| polyurethane resin | | | | yes | |
| adhesive mat. <1mm | | | | yes | |
| adhesive mat. >1mm | | | | yes | |
| felt board | yes | | | | |
| carpet foam back | | | | | yes |
| jute back | | | | yes | |

Drive Disk

for single disk machine

incl. 5 Diamond Segments
granulation 20
without diamond segments

| | | | | |
|--|------------|---|--|--|
| | 50.400.001 | 1 | | |
| | 50.400.002 | 1 | | |

Diamond Segments

for single disk machine (approx. 40 kg, and 150 rpm), segment plates 40x10x10 mm

mesh 16/20
hard bond for soft concrete

mesh 16/20
medium bond
for medium hard concrete

mesh 16/20
soft bond for hard concrete

| | | | | |
|--|------------|---|--|--|
| | 55.780.120 | 1 | | |
| | 55.780.220 | 1 | | |
| | 55.780.320 | 1 | | |

Diamond Segments

for big, heavy machine (approx. 300 kg and 1000 rpm)

hard bond
for soft concrete
granulation 16/20
granulation 30/40
granulation 60/80

medium bond
for medium hard concrete
granulation 16/20
granulation 30/40
granulation 60/80

very soft bond
for very hard concrete
granulation 16/20
granulation 30/40
granulation 60/80

| | | | | |
|--|------------|---|--|--|
| | 55.710.016 | 1 | | |
| | 55.710.030 | 1 | | |
| | 55.710.060 | 1 | | |
| | 55.720.016 | 1 | | |
| | 55.720.030 | 1 | | |
| | 55.720.060 | 1 | | |
| | 55.740.016 | 1 | | |
| | 55.740.030 | 1 | | |
| | 55.740.060 | 1 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

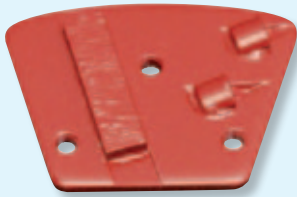
PCD Split



flakes of pcd to remove paint, purr and other difficult and sticky materials

| | | | | |
|-------------|------------|---|--|--|
| 40x10x10 mm | 55.800.010 | 1 | | |
|-------------|------------|---|--|--|

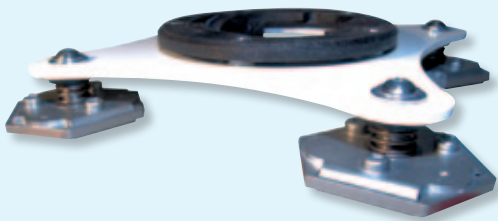
PCD Segment



3 PKD tooth and one diamond segment specially used for difficult substrate e.g. carpet foam, glue, coatings

| | | | | |
|-------------|------------|---|--|--|
| 40x10x10 mm | 55.810.000 | 1 | | |
|-------------|------------|---|--|--|

Drive Disk Turbo



segment holder spins independently from the rotation of the disk, boosting the rotation action and covering more ground, this makes it more efficient, the segment holders are spring suspended, segments fixed by magnet

| | | | | |
|--|------------|---|--|--|
| | 50.400.003 | 1 | | |
|--|------------|---|--|--|

Diamond Segment Plates for Turbo Disk



for single disk machine (approx. 40 kg, and 150 rpm, plates with 3 diamonds)

| | | | | |
|--|------------|---|--|--|
| mesh 16/20 hard bond for soft concrete | 55.770.120 | 1 | | |
| mesh 16/20 medium bond for medium hard concrete | 55.770.220 | 1 | | |
| mesh 60/80 medium bond for medium hard concrete | 55.770.270 | 1 | | |
| mesh 16/20 medium bond for hard concrete | 55.770.320 | 1 | | |
| mesh 60/80 medium bond for hard concrete | 55.770.370 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

HTC Equivalent



similar to
HTC C3 for soft concrete/screed and
concrete <20 days

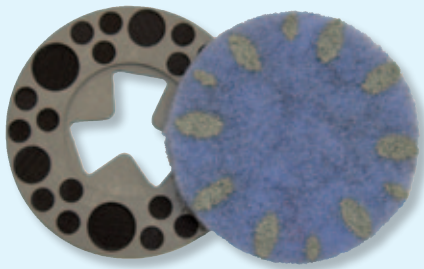
| | | | |
|------------|---|--|--|
| 55.790.010 | 1 | | |
|------------|---|--|--|

Adapter for HTC Grinding Machine



| | | | |
|------------|---|--|--|
| 55.797.010 | 1 | | |
|------------|---|--|--|

Velcro Disk for HTC Grinding Machine



glass fibre reinforced velcro disk (without pad)

Ø180 mm
Ø220 mm

| | | | |
|------------|---|--|--|
| 55.798.180 | 1 | | |
| 55.798.220 | 1 | | |

Flooring

Cutting Disk Steel/Stainless Steel



**extra fine cut,
iron-, sulphur- and chlorine-free, high cost-benefit ratio**

| | | | | |
|---------------------|------------|---|--|--|
| 115 x 1,0 x 22,2 mm | 54.115.116 | 5 | | |
| 125 x 1,0 x 22,2 mm | 54.125.116 | 5 | | |
| 180 x 1,6 x 22,2 mm | 54.180.116 | 5 | | |
| 230 x 1,8 x 22,2 mm | 54.230.116 | 5 | | |

Cutting Disk Metal Straight



**fine cut,
iron-, sulphur- and chlorine-free, high level of stability**

| | | | | |
|---------------------|------------|---|--|--|
| 115 x 2,0 x 22,2 mm | 54.115.100 | 5 | | |
| 125 x 2,0 x 22,2 mm | 54.125.100 | 5 | | |
| 150 x 2,0 x 22,2 mm | 54.150.100 | 5 | | |
| 180 x 2,0 x 22,2 mm | 54.180.100 | 5 | | |
| 230 x 2,0 x 22,2 mm | 54.230.100 | 5 | | |

Cutting Disk Metal Cranked



**fine cut, for steel and stainless steel,
iron-, sulphur- and chlorine-free, high level of stability, made of corundum**

| | | | | |
|---------------------|------------|---|--|--|
| 115 x 2,0 x 22,2 mm | 54.115.101 | 5 | | |
| 125 x 2,0 x 22,2 mm | 54.125.101 | 5 | | |
| 150 x 2,0 x 22,2 mm | 54.150.101 | 5 | | |
| 180 x 2,0 x 22,2 mm | 54.180.101 | 5 | | |
| 230 x 2,0 x 22,2 mm | 54.230.101 | 5 | | |

Cutting Disk Aluminium



**non-ferrous metals,
extra fine cut, soft bonding**

| | | | | |
|---------------------|------------|---|--|--|
| 115 x 1,0 x 22,2 mm | 54.115.111 | 5 | | |
| 125 x 1,0 x 22,2 mm | 54.125.111 | 5 | | |
| 230 x 1,9 x 22,2 mm | 54.230.111 | 5 | | |

Diamond Blade For Tiles Economy

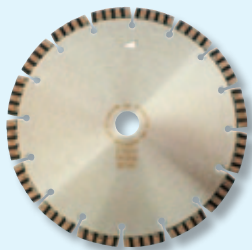


universal blade that features a diamond-coated cutting edge and a 5mm continuous rim for clean cuts

| | | | | |
|------------------|------------|---|--|--|
| 115 x 1,6 x 5 mm | 51.115.010 | 1 | | |
| 125 x 1,6 x 5 mm | 51.125.010 | 1 | | |
| 150 x 1,6 x 5 mm | 51.150.010 | 1 | | |
| 180 x 1,6 x 5 mm | 51.180.010 | 1 | | |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Diamond Blade For Tiles and Stoneware Standard  | Allround blade for fine cut, with cooling holes, segment height 7mm 115 x 1,4 x 7 mm 125 x 1,4 x 7 mm 150 x 1,4 x 7 mm 180 x 1,6 x 7 mm 230 x 2,0 x 7 mm | 51.115.012 | | | | |
| | | 51.125.012 | | | | |
| | | 51.150.012 | | | | |
| | | 51.180.012 | | | | |
| | | 51.230.012 | | | | |
| | | | | | | |
| Diamond Blade for Tiles and Stoneware Standard  | super fine cut, with cooling holes, segment height 8mm 115 x 1,2 x 8 mm 125 x 1,2 x 8 mm 150 x 1,4 x 8 mm 180 x 1,6 x 8 mm 200 x 1,6 x 8 mm 230 x 1,8 x 8 mm 250 x 1,6 x 8 mm 300 x 2,2 x 7 mm 350 x 2,4 x 7 mm | 51.115.013 | | | | |
| | | 51.125.013 | | | | |
| | | 51.150.013 | | | | |
| | | 51.180.013 | | | | |
| | | 51.200.013 | | | | |
| | | 51.230.013 | | | | |
| | | 51.250.013 | | | | |
| | | 51.300.013 | | | | |
| | | 51.350.013 | | | | |
| | | | | | | |
| Diamond Blade for Tile, Granite, Marble and Stoneware Premium  | super fine cut, with special core profile to reduce sound, segment height 10mm 115 x 1,2 x 10 mm 125 x 1,2 x 10 mm 150 x 1,4 x 10 mm 180 x 1,4 x 10 mm 200 x 1,6 x 10 mm 230 x 1,6 x 10 mm 250 x 1,6 x 10 mm 300 x 2,0 x 10 mm 350 x 2,4 x 10 mm | 51.115.015 | | | | |
| | | 51.125.015 | | | | |
| | | 51.150.015 | | | | |
| | | 51.180.015 | | | | |
| | | 51.200.015 | | | | |
| | | 51.230.015 | | | | |
| | | 51.250.015 | | | | |
| | | 51.300.015 | | | | |
| | | 51.350.015 | | | | |
| | | | | | | |
| Saw Blade Concrete Economy  | for wet and dry cut, laser welded, segment height 10mm Ø300-600 on request 115 x 2,2 x 7 mm 125 x 2,2 x 10 mm 150 x 2,2 x 10 mm 180 x 2,3 x 10 mm 230 x 2,4 x 10 mm | 51.115.035 | 1 | | | |
| | | 51.125.035 | 1 | | | |
| | | 51.150.035 | 1 | | | |
| | | 51.180.035 | 1 | | | |
| | | 51.230.035 | 1 | | | |
| | | | | | | |
| Saw Blade Concrete Standard  | turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, laser welded, segment height 10mm, Ø300-450 on request 115 x 2,2 x 10 mm 125 x 2,2 x 10 mm 150 x 2,6 x 10 mm 180 x 2,6 x 10 mm 230 x 2,8 x 10 mm | 51.115.031 | 1 | | | |
| | | 51.125.031 | 1 | | | |
| | | 51.150.031 | 1 | | | |
| | | 51.180.031 | 1 | | | |
| | | 51.230.031 | 1 | | | |
| | | | | | | |

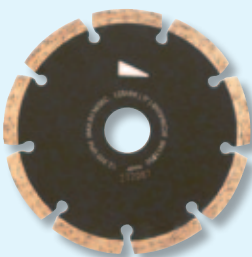
Saw Blade Concrete Premium



turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, bricks, lime-sand bricks, laser welded, segment height 10mm, Ø300-900 on request

| | | | | |
|-------------------|------------|---|--|--|
| 115 x 2,4 x 10 mm | 51.115.037 | 1 | | |
| 125 x 2,4 x 10 mm | 51.125.037 | 1 | | |
| 150 x 2,6 x 10 mm | 51.150.037 | 1 | | |
| 180 x 2,6 x 10 mm | 51.180.037 | 1 | | |
| 230 x 2,6 x 10 mm | 51.230.037 | 1 | | |

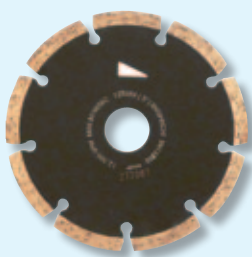
Saw Blade Screed/Asphalt Economy



suitable for abrasive materials e.g.. Cement screed, lime stone, fresh concrete, sintered, for wet and dry cutting, segment height 7 mm

| | | | | |
|------------------|------------|---|--|--|
| 115 x 2,0 x 7 mm | 51.115.033 | 1 | | |
| 125 x 2,0 x 7 mm | 51.125.033 | 1 | | |
| 150 x 2,2 x 7 mm | 51.150.033 | 1 | | |
| 180 x 2,4 x 7 mm | 51.180.033 | 1 | | |
| 230 x 2,6 x 7 mm | 51.230.033 | 1 | | |

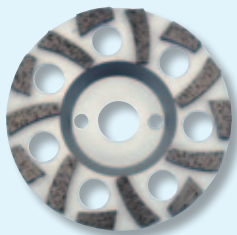
Saw Blade Screed/Asphalt Premium



suitable for abrasive materials e.g.. Cement screed, lime stone, fresh concrete, sintered, segment height 10 mm

| | | | | |
|-------------------|------------|---|--|--|
| 115 x 2,0 x 10 mm | 51.115.032 | 1 | | |
| 125 x 2,2 x 10 mm | 51.125.032 | 1 | | |
| 150 x 2,2 x 10 mm | 51.150.032 | 1 | | |
| 180 x 2,3 x 10 mm | 51.180.032 | 1 | | |
| 230 x 2,4 x 10 mm | 51.230.032 | 1 | | |

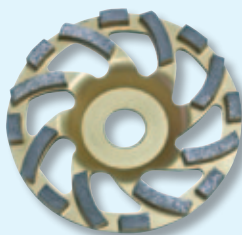
Diamond Grinding Cup Wheel Tornado Standard



suitable for plastic, paints, concrete, segment height 5 mm, Ø150 mm hole diameter 19 mm

| | | | | |
|---------------------------------|------------|---|--|--|
| Ø125 mm cup depth 20 mm | 55.125.057 | 1 | | |
| Ø150 mm (Hilti) cup depth 20 mm | 55.150.057 | 1 | | |
| Ø180 mm cup depth 30 mm | 55.180.057 | 1 | | |

Diamond Grinding Cup Wheel Tornado Premium



suitable for plastic, paints, concrete, segment height 5mm, Ø150 mm hole diameter 19 mm

| | | | | |
|---------------------------------------|------------|---|--|--|
| Ø110 mm cup depth 22 mm | 55.115.052 | 1 | | |
| Ø125 mm cup depth 22 mm | 55.125.052 | 1 | | |
| Ø150 mm (Hilti) cup depth 20mm | 55.150.052 | 1 | | |
| Ø180 mm cup depth 30 mm | 55.180.052 | 1 | | |
| Ø180 mm cup depth 23 mm (Flex, Bosch) | 55.181.052 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Diamond Grinding Cup Wheel Boomerang

suitable for plastic, paints, concrete, segment height 5mm, Ø150 mm hole diameter 19 mm

| | | | | |
|----------------------------------|------------|---|--|--|
| Ø 110 mm cup depth 22 mm | 55.110.056 | 1 | | |
| Ø 125 mm cup depth 22 mm | 55.125.056 | 1 | | |
| Ø 150 mm (Hilti) cup depth 20 mm | 55.150.056 | 1 | | |
| Ø 180 mm cup depth 30 mm | 55.180.056 | 1 | | |

Diamond Grinding Cup Wheel Economy

type Duplex, sintered, for concrete, segment height 5mm

| | | | | |
|--------------------------|------------|---|--|--|
| Ø 125 mm cup depth 20 mm | 55.125.008 | 1 | | |
|--------------------------|------------|---|--|--|

Diamond Grinding Cup Wheel Economy

type Duplex, laser welded, for concrete, segment height 5mm

| | | | | |
|--------------------------|------------|---|--|--|
| Ø 110 mm cup depth 21 mm | 55.115.011 | 1 | | |
| Ø 125 mm cup depth 21 mm | 55.125.011 | 1 | | |
| Ø 180 mm cup depth 26 mm | 55.180.011 | 1 | | |

Diamond Grinding Cup Wheel Standard

type Duplex, laser welded, for concrete, segment height 5mm

| | | | | |
|----------------------------------|------------|---|--|--|
| Ø 110 mm cup depth 21 mm | 55.115.021 | 1 | | |
| Ø 125 mm cup depth 21 mm | 55.125.021 | 1 | | |
| Ø 150 mm (Hilti) cup depth 20 mm | 55.150.021 | 1 | | |
| Ø 180 mm cup depth 26 mm | 55.180.021 | 1 | | |

Diamond Grinding Cup Wheel Economy

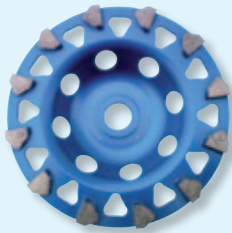
type Duplex, laser welded, for cement screed and asphalt, segment height 5mm

| | | | | |
|--------------------------|------------|---|--|--|
| Ø 125 mm cup depth 21 mm | 55.125.030 | 1 | | |
| Ø 180 mm cup depth 27 mm | 55.180.030 | 1 | | |

Diamond Grinding Cup Wheel Standard

type Duplex, laser welded, for cement screed and asphalt, segment height 5mm

| | | | | |
|--------------------------|------------|---|--|--|
| Ø 100 mm cup depth 21 mm | 55.100.023 | 1 | | |
| Ø 125 mm cup depth 21 mm | 55.125.023 | 1 | | |
| Ø 180 mm cup depth 27 mm | 55.180.023 | 1 | | |

Diamond Grinding Cup Wheel Arrow

with several suction holes for optimal suction

| | | | | |
|----------------------------------|------------|---|--|--|
| Ø 125 mm cup depth 21 mm | 55.125.041 | 1 | | |
| Ø 150 mm (Hilti) cup depth 20 mm | 55.150.041 | 1 | | |
| Ø 180 mm cup depth 21 mm | 55.180.041 | 1 | | |

Diamond Grinding Cup Wheel T-Segment

for easy and fast removing of abrasive materials (cement screed/asphalt), very big suction holes for a fast suction. Delivery with a reduction ring from 25,0 to 22,2 mm, segment height 6,6 mm

| | | | | |
|--|------------|---|--|--|
| for Protool RGP 130 Ø130 mm cup depth 22,5mm | 55.130.071 | 1 | | |
|--|------------|---|--|--|

PKD-Grinding Cup Wheel Cyclone

suitable to remove glue, coatings, paints, coatings (EP, PU, AC) from substrate, cementious self levelling mortar, cement screed and fresh concrete grain size up to 8mm

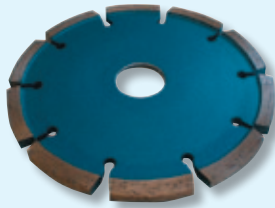
| | | | | |
|---|------------|---|--|--|
| fine segments (1 mm) | | | | |
| Ø 115 mm 9 PKD cup depth 21 mm | 55.115.061 | 1 | | |
| Ø 125 mm 12 PKD cup depth 21 mm | 55.125.061 | 1 | | |
| Ø 150 mm (Hilti) 15 PKD cup depth 20 mm | 55.150.061 | 1 | | |
| Ø 180 mm 12 PKD cup depth 31 mm | 55.180.061 | 1 | | |
| coarse segments (3,2 mm) | | | | |
| Ø 125 mm 4 PKD cup depth 21 mm | 55.125.062 | 1 | | |
| Ø 125 mm 6 PKD cup depth 21 mm | 55.126.062 | 1 | | |
| Ø 150 mm (Hilti) 6 PKD cup depth 20 mm | 55.150.062 | 1 | | |
| Ø 180 mm 9 PKD cup depth 31 mm | 55.180.062 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

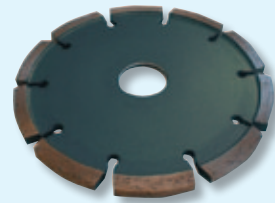
Diamond Floor Grinding Blade Standard

use for wet and dry , 20 segments with dimension 40x10x10 mm, Ø250 mm, on request Ø300 mm

| | | | | |
|---|------------|---|--|--|
| for soft concrete/screed (hard bonding) | 55.250.041 | 1 | | |
| for standard concrete/screed (medium bonding) | 55.250.141 | 1 | | |
| for very hard concrete/screed (soft bonding) | 55.250.241 | 1 | | |

Joint Grinder

for cutting joints into floors and walls width 6,4mm

| | | | | |
|----------|------------|---|--|--|
| Ø 115 mm | 55.115.051 | 1 | | |
| Ø 125 mm | 55.125.051 | 1 | | |
| Ø 180 mm | 55.180.051 | 1 | | |
| Ø 230 mm | 55.230.051 | 1 | | |

Joint Cleaner

sintered, for cleaning joints

| | | | | |
|---------------------|------------|---|--|--|
| Width 6,0 mm | | | | |
| Ø 125 mm | 55.125.151 | 1 | | |
| Width 8,0 mm | | | | |
| Ø 125 mm | 55.125.251 | 1 | | |
| Width 10 mm | | | | |
| Ø 125 mm | 55.125.351 | 1 | | |
| Width 9,0 mm | | | | |
| Ø 180 mm | 55.180.151 | 1 | | |

V-Grinder

to cut V-shape joints into floor and wall, segment width 10mm, segment height 12mm

| | | | | |
|----------|------------|---|--|--|
| Ø 115 mm | 55.115.053 | 1 | | |
| Ø 125 mm | 55.125.053 | 1 | | |
| Ø 180 mm | 55.180.053 | 1 | | |
| Ø 230 mm | 55.230.053 | 1 | | |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Latex Glove



Latex gloves, latex coating on interlock liner, open back, EN 388 CAT2

| | | | |
|---------------|------------|----|-----|
| knitted wrist | 60.210.010 | 12 | 120 |
| cuff | 60.200.010 | 12 | 120 |

Natural Latex Glove



high quality with cottonvelour inside, Length 30cm, low-in-allergens and food-safe

| | | | |
|---------|------------|----|-----|
| size 9 | 60.620.009 | 12 | 144 |
| size 10 | 60.620.010 | 12 | 144 |

Cotton-Polyester-Latex Glove



seamless glove with micro porous latex coated and roughened palm for sensitiveness and more grip, breathable backside, comfortable and flexible, abrasion resistant

| | | | |
|---------|------------|----|----|
| size 9 | 60.240.009 | 12 | 72 |
| size 10 | 60.240.010 | 12 | 72 |

Cotton-Latex Glove



Latex gloves, blue, rough surface, high quality cotton interlock liner, approx. 30 cm long EN388 CAT2 and EN374 CAT3

| | | | |
|---------|------------|---|----|
| size 9 | 60.630.009 | 1 | 12 |
| size 10 | 60.630.010 | 1 | 12 |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Polyester-Latex Glove



seamless knitted terry glove, green latex coating on palm and finger tips, perfect grip Category 2 EN 388

| | | | |
|---------|------------|----|-----|
| size 9 | 60.280.009 | 12 | 144 |
| size 10 | 60.280.010 | 12 | 144 |

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

| | | | |
|---------|------------|----|----|
| size 9 | 60.850.009 | 12 | 72 |
| size 10 | 60.850.010 | 12 | 72 |
| size 11 | 60.850.011 | 12 | 72 |

white, pre-powdered, non sterile, beaded cuff Box with 100pcs



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

| | | | |
|----|------------|---|--|
| XL | 60.700.010 | 1 | |
|----|------------|---|--|

Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.300.009 | 12 | 144 |
| size 10 | 60.300.010 | 12 | 144 |
| size 11 | 60.300.011 | 12 | 144 |

Cotton-Nitrile Glove Premium



yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.340.009 | 12 | 144 |
| size 10 | 60.340.010 | 12 | 144 |

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton-Nitrile Glove Economy full coated



yellow, nitrile coating on interlock liner, fully coated, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.310.009 | 12 | 144 |
| size 10 | 60.310.010 | 12 | 144 |

Cotton-Nitrile Glove Economy full coated with cuffs



yellow, nitrile coating on interlock liner, open back, with cuff, EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 10 | 60.500.010 | 12 | 144 |
|---------|------------|----|-----|

Nitrile Glove with long sleeve



green, 33 cm length, flock lined, pairs packed separately in polybags EN388 CAT2 and EN374 CAT3

| | | | |
|---------|------------|----|-----|
| size 9 | 60.600.009 | 12 | 144 |
| size 10 | 60.600.010 | 12 | 144 |
| size 11 | 60.600.011 | 12 | 144 |

PU-Nitrile-Stretch Glove with knobs



seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.480.009 | 12 | 144 |
| size 10 | 60.480.010 | 12 | 144 |

PU-Nitrile-Stretch Glove



seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.481.009 | 12 | 144 |
| size 10 | 60.481.010 | 12 | 144 |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

PU-Stretch Glove

grey, palm and finger tips with grey PU coating EN420 & EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.430.009 | 12 | 144 |
| size 10 | 60.430.010 | 12 | 144 |

Latex-Nylon Stretch Glove

grey, open back, knitted wrist, black latex coating EN420 & EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.460.009 | 12 | 144 |
| size 10 | 60.460.010 | 12 | 144 |
| size 11 | 60.460.011 | 12 | 144 |

Nitrile-Nylon Stretch Glove

knitted glove, open back, with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.470.009 | 12 | 144 |
| size 10 | 60.470.010 | 12 | 144 |

Nitrilefoam-Nylon Stretch Glove

knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.475.009 | 12 | 144 |
| size 10 | 60.475.010 | 12 | 144 |

Nitrile-Nylon Stretch Glove

Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed Inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

| | | | |
|---------|------------|----|----|
| size 9 | 60.477.009 | 12 | 72 |
| size 10 | 60.477.010 | 12 | 72 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--|------------|------------|--------------|------------|--------------|
| Cotton Drill Gloves  | natural grey, 8 oz., knitted wrist size 10 | 60.900.009 | 12 | 240 | | |
| | | | | | | |
| Cotton Jersey Gloves  | natural grey, ambidextrous, 26 cm length size 10 | 60.920.010 | 12 | 240 | | |
| | | | | | | |
| Cotton Interlock Gloves  | raw white, 26 cm, heavy weight size 10 | 60.960.010 | 10 | 600 | | |
| | | | | | | |
| Nylon-Cotton-PVC Dot Glove  | Seamless knitted glove, one side PVC-dots, with palm, high comfort EN 288 CAT2 size 10 | 60.950.010 | 12 | 240 | | |
| | size 11 | 60.950.011 | 12 | 240 | | |
| | | | | | | |
| Cotton-Polyester-PVC Dot Glove  | Seamless knitted glove, both sides PVC-dots, with palm, high comfort EN 288 CAT2 size 10 | 60.955.010 | 12 | 240 | | |
| | | | | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cow Leather-Cotton Glove



leather thickness approx. 1mm, made of core split leather, good quality, with cuff CAT2

| | | | |
|---------|------------|----|-----|
| size 10 | 60.111.010 | 12 | 120 |
|---------|------------|----|-----|

Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

| | | | |
|---------|------------|----|-----|
| size 10 | 60.112.010 | 12 | 120 |
|---------|------------|----|-----|

Vinyl-Cotton Glove



an alternative to leather gloves Ref.Nr.. 60.111.010 because chromate free

| | | | |
|---------|------------|----|-----|
| size 10 | 60.610.010 | 12 | 120 |
|---------|------------|----|-----|

Flooring

Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

| | | | | |
|---------|------------|---|--|--|
| 1 litre | 98.000.001 | 1 | | |
|---------|------------|---|--|--|

Skin Maintaining Lotion



Lotion for skin regeneration, containing bee wax and natural oil, silicon free

| | | | | |
|--------|------------|---|--|--|
| 250 ml | 98.000.002 | 1 | | |
|--------|------------|---|--|--|

Cover Foam



protect hand from dirt, reduces sweating in gloves, reaches for approx. 150 applications

| | | | | |
|--------|------------|---|--|--|
| 100 ml | 98.000.003 | 1 | | |
|--------|------------|---|--|--|

Face Shield Crème



protects face against ink mist during spraying. Prevents ink mist from adhering to sensitive facial skin - easy to wipe off with a cloth

| | | | | |
|--------|------------|---|--|--|
| 100 ml | 98.000.310 | 1 | | |
|--------|------------|---|--|--|

Scrubs in a bucket



Citrus-based formula on tough towel Dissolve and absorb grease Pumice Soap on pre-moistened towels Removes, grease, paint, caulk, tar, oils, dirt, ink, dye, sealants & more

| | | | | |
|----------------------|------------|---|---|--|
| 72 towels per bucket | 98.900.001 | 1 | 6 | |
|----------------------|------------|---|---|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Eye Rinsing Bottle



with 0,9% Na-Solution, durable 3 years,
max. rinsing time 4 min

200 ml

94.000.200

1

Protection Bag



for eye rinsing bottle Art. Nr. 94.000.200
incl. straps for belts attachment

94.001.200

1

Cotton Cleaning Rags



multi-coloured
10 kg bag
pure white
10 kg bag

98.800.010

1

98.801.010

1

Non-woven Cloth



40x40 cm, approx. 500 pcs
price per 10 kg

10 kg

98.810.010

1

Cleaning Paper Role



blue, 1000 sheet á 36cm
3 layers

98.815.035

1

Flooring

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Knee Pad black



made of PU foam, certified acc. DIN EN 14404
subject class 2 puncture resistant

| | | | | |
|---------|------------|---|--|--|
| 1 strap | 80.400.010 | 1 | | |
|---------|------------|---|--|--|

Knee Pad yellow



made of PU foam certified acc. DINEN 14404 subject class 0,
not puncture resistant

| | | | | |
|-------------------|------------|---|--|--|
| 2 strap | 80.400.002 | 1 | | |
| replacement strap | 80.400.100 | 1 | | |

Knee Pad white



designed for jobs where most of the work is carried out kneeling – inner pocket lined with permanently elastic, very soft material - adapts to the shape of the users knee

| | | | | |
|--|------------|---|--|--|
| | 80.410.001 | 1 | | |
|--|------------|---|--|--|

Knee Pad bellows



flexible knee pad, made of PUR, with elastic folds. The 4 fold knee-protector with elastic bellows provides freedom of movement and optimum protection. With a tough, abrasion-proof outer skin, combined with a new ergonomically designed inner cushion.

| | | | | |
|--------|------------|---|--|--|
| orange | 80.415.002 | 1 | | |
|--------|------------|---|--|--|

Knee Pad bellows



white, rounded shape

| | | | | |
|--|------------|---|--|--|
| | 80.412.005 | 1 | | |
|--|------------|---|--|--|

Gel Knee Pad



with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel

| | | | | |
|--|------------|---|--|--|
| | 80.430.001 | 1 | | |
|--|------------|---|--|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hard Cap Knee Pad



Hard shelled knee-protector, impact and shock resistant Cushion pad of 15mm cellular rubber with 4cm width elastic rubber straps Suitable for rough, uneven underground surfaces

| | | | |
|------------|---|--|--|
| 80.420.015 | 1 | | |
|------------|---|--|--|

Hard Cap Knee Pad with Hinge



optimised with patented ergonomic form-cushion - inherently stable, washable and permanently elastic Fully adjustable 4cm width elastic straps

| | | | |
|------------|---|--|--|
| 80.420.001 | 1 | | |
|------------|---|--|--|

Hard Cap Knee Pad with Bellow



this model combines the advantages of a hard shell knee-protector, with an elastic bellow. It fits perfectly on the upper part of the knee and prevents the intrusion of foreign particles while allowing maximum mobility.

| | | | |
|------------|---|--|--|
| 80.420.020 | 1 | | |
|------------|---|--|--|

Knee Pad Accessories

Attachment Button

| | | | |
|------------|---|--|--|
| 80.420.006 | 1 | | |
|------------|---|--|--|

Replacement strap for hard cap knee pad

| | | | |
|------------|---|--|--|
| 80.420.005 | 1 | | |
|------------|---|--|--|

Knee Protector



for optimal knee protection while working done in a kneeling position. With the continuously variable Velcro straps the protectors can be properly adjusted and fastened to the knee. All work on building sites can be carried out knee friendly and painless. Developed in cooperation with the Federation of Trade Associations.

| | | | |
|------------|---|--|--|
| 80.415.050 | 1 | | |
|------------|---|--|--|

replacement straps

| | | | |
|------------|---|--|--|
| 80.415.055 | 1 | | |
|------------|---|--|--|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

PE Overall



made of white polypropylene fleece, with cowl, elastic cuffs, ankles and waist

| | | | |
|-----|------------|---|----|
| XL | 90.000.XL | 1 | 50 |
| XXL | 90.000.XXL | 1 | 50 |

PE Overall



antistatic (EN 1149-1), white, with cowl, elastic cuffs, ankles and waist, CE CAT III, Type 5&6

| | | | |
|-----|------------|---|--|
| XL | 90.050.XL | 1 | |
| XXL | 90.050.XXL | 1 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

PE Trousers



made of white polypropylene fleece, air-permeable, elastic cuffs, ankles and waist

| | | | |
|-----|------------|----|----|
| XL | 90.100.XL | 10 | 50 |
| XXL | 90.100.XXL | 10 | 50 |

Head Hood



Barret form

| | | | |
|---------|------------|----|--|
| Ø 53 cm | 92.010.053 | 10 | |
|---------|------------|----|--|

PP Arm protection



made of polypropylene fleece, 30 g/m², length 45 cm, air-permeable and moisture-repellent

| | | | |
|--|------------|----|----|
| | 92.010.001 | 10 | 30 |
|--|------------|----|----|

PP-CPE Protection Shoe



made of polypropylene, with CPE outsole, for walking on new floors to protect against scratching
price per pcs

| | | | |
|--|------------|----|-----|
| | 92.000.003 | 50 | 100 |
|--|------------|----|-----|

PP-CPE Protection Shoe

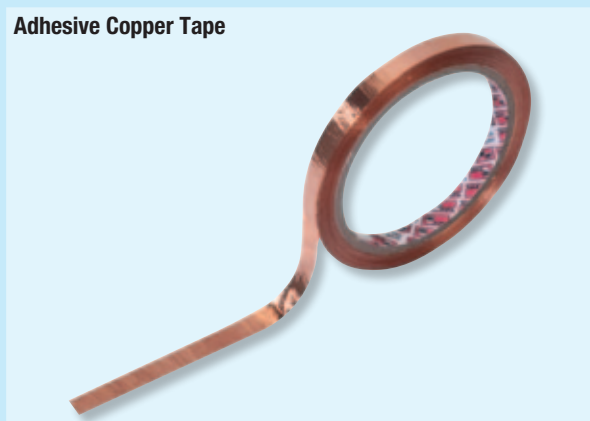


with PVC sole, for walking on new floors to protect against scratching, slip resistant and antistatic
price per pcs

| | | | |
|--|------------|----|-----|
| | 92.000.004 | 10 | 100 |
|--|------------|----|-----|

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Adhesive Copper Tape



self adhesive, conductive acrylic adhesive, 0,06mm total thickness

9mm wide, 33m long

48.530.010

1

Floor Grounding Test Point Kit



with 1m adhesive copper tape

48.000.010

1

Platform Scale



supporting platform 32x38cm, weighing range up to 75 kg, up to 25kg in 5g steps from 25kg in 10g steps, TARA Function, automatic shutdown (idle) individually adjustable (deactivate, 15min, 30min, 45min, 60min) , electric or battery powered (4x1,5V AA)

99.000.001

1

Spoon Balance



**max weight 300g/10,935oz
display shows 0,1g/0,005oz
shutdown after 60sec**

99.000.300

1

5

Worker Protection



| | | | |
|---|--------|--------------------------------------|--------|
| Cushion for Chaps | 5 - 24 | Head Hood | 5 - 23 |
| Disposable Mask Valved | 5 - 7 | Knee Pad | 5 - 20 |
| Dust Respirator | 5 - 7 | Light for Hard Cap | 5 - 12 |
| Ear Protection Capsule | 5 - 17 | PE Protection Boot | 5 - 23 |
| Ear Protection for Helmet | 5 - 13 | PP Workwear | 5 - 22 |
| Eye Rinsing Bottle | 5 - 18 | Protection Workwear | 5 - 22 |
| Face Shield Crème | 5 - 19 | Respirator 3M | 5 - 10 |
| Filter | 5 - 8 | Safety Glasses | 5 - 14 |
| Filter 3M | 5 - 10 | Safety Glasses with Filter | 5 - 16 |
| Full Vision Respirator Mask | 5 - 7 | Safety Helmet | 5 - 12 |
| Gloves | 5 - 1 | Screed layers Chaps | 5 - 24 |
| Half Mask Respirator | 5 - 8 | Scrubs | 5 - 19 |
| Half Mask Respirator 3M | 5 - 10 | Skin Maintaining Lotion | 5 - 19 |
| Hand Cleaner | 5 - 18 | Skin Protection | 5 - 18 |
| Hard Cap | 5 - 12 | | |

Standards for Fine Dust Masks

| Type | Performance | Materials |
|---|---|---|
| | (Half/quarter mask) | |
| P 1 FFP1 R or NR | low performance fine dust up to 4 x MAK 0,1 Vol.-% (1.000 ppm) | For solid hazardous, fibrogenic particles e.g.: textile fibres, marble, sulphur, silicic acid |
| P 2 FFP2 R or NR | medium performance fine dust up to 10x MAK 0,5 Vol.-% (5.000 ppm) | For solid and gaseous, less-toxic particles e.g.: carbon, copper, aluminium, cotton, metal, textile fibres, manganese, welding fumes |
| P 3 FFP3 R or NR | high Performance fine dust up to 30x MAK 1,0 Vol.-%(10.000 ppm) | For solid toxic particles e.g.: chromium, nickel, lead |
| R = reusable | | |
| FFPx D | every mask which can be used in more than one shift has to be marked with „D“ | |
| Storage = max. 3 years | | |
| FFP = Filtering Face Piece MNP = Mouth Nose Protection | | |
| MAK = Maximum Workplace Concentration | | |

Respirator Filter

| Type | Use | Colour |
|---------|---|--------|
| A | Gases and vapours of organic compounds with boiling point > 65 °C | brown |
| AX | Gases and vapours of organic compounds with boiling point ≤ 65 °C | brown |
| B | Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide | grey |
| E | Sulphur dioxide, hydrogen chloride | yellow |
| K | Ammonia and organic Ammonia derivates | green |
| NO | Nitrous gases including nitrogen monoxide | blue |
| Hg | Mercury vapour | red |
| CO | Carbon monoxide | black |
| Reaktor | Radioactive iodine including radioactive methyl iodide | orange |
| SX | Gases and vapours accor. Supplier | purple |
| P | Partikle | white |

Durability max. 3 years,
if opened 6 month

Filter class 1 to 3: higher class means higher protection
Class 1 1.000 ml/m³ (0,1 Vol.-%)
Class 2 5.000 ml/m³ (0,5 Vol.-%)
Class 3 10.000 ml/m³ (1,0 Vol.-%)

EN 388
European Standards for protective gloves

e.g. **4 1 2 1**

| Protective gloves against mechanical hazards | Rating |
|--|--------|
| Abrasion resistance | 1 - 4 |
| Cut resistance | 1 - 5 |
| Tear resistance | 1 - 4 |
| Puncture resistance | 1 - 4 |

the higher the better

protective gloves against mecanical hazard have to have at least at one criteria the rating 1

According EN420
all these ratings based on lab testing

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Cotton-Latex Glove



Latex gloves, latex coating on interlock liner, open back, EN 388 CAT2

| | | | |
|---------------|------------|----|-----|
| knitted wrist | 60.210.010 | 12 | 120 |
| cuff | 60.200.010 | 12 | 120 |

Natural Latex Glove



high quality with cottonvelour inside, Length 30cm, low-in-allergens and food-safe

| | | | |
|---------|------------|----|-----|
| size 9 | 60.620.009 | 12 | 144 |
| size 10 | 60.620.010 | 12 | 144 |

Cotton-Polyester-Latex Glove



seamless glove with micro porous latex coated and roughened palm for sensitiveness and more grip, breathable backside, comfortable and flexible, abrasion resistant

| | | | |
|---------|------------|----|----|
| size 9 | 60.240.009 | 12 | 72 |
| size 10 | 60.240.010 | 12 | 72 |

Cotton-Latex Glove



Latex gloves, blue, rough surface, high quality cotton interlock liner, approx. 30 cm long EN388 CAT2 and EN374 CAT3

| | | | |
|---------|------------|---|----|
| size 9 | 60.630.009 | 1 | 12 |
| size 10 | 60.630.010 | 1 | 12 |

Cotton-Polyester-Latex Glove



seamless knitted terry glove, green latex coating on palm and finger tips, perfect grip Category 2 EN 388

| | | | |
|---------|------------|----|-----|
| size 9 | 60.280.009 | 12 | 144 |
| size 10 | 60.280.010 | 12 | 144 |

Cotton-Nitrile Glove Economy



yellow, nitrile coating on interlock liner, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.300.009 | 12 | 144 |
| size 10 | 60.300.010 | 12 | 144 |
| size 11 | 60.300.011 | 12 | 144 |

Cotton-Nitrile Glove Premium



yellow, nitrile coating on interlock liner, perfect fit, open back, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.340.009 | 12 | 144 |
| size 10 | 60.340.010 | 12 | 144 |

Cotton-Nitrile Glove Economy full coated



yellow, nitrile coating on interlock liner, fully coated, knitted wrist EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 9 | 60.310.009 | 12 | 144 |
| size 10 | 60.310.010 | 12 | 144 |

Cotton-Nitrile Glove Economy full coated with cuffs



yellow, nitrile coating on interlock liner, open back, with cuff, EN420, EN388 CAT2, TÜV-GS tested

| | | | |
|---------|------------|----|-----|
| size 10 | 60.500.010 | 12 | 144 |
|---------|------------|----|-----|

Nitrile Glove with long sleeve



green, 33 cm length, flock lined, pairs packed separately in polybags EN388 CAT2 and EN374 CAT3

| | | | |
|---------|------------|----|-----|
| size 9 | 60.600.009 | 12 | 144 |
| size 10 | 60.600.010 | 12 | 144 |
| size 11 | 60.600.011 | 12 | 144 |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

PU-Nitrile-Stretch Glove with knobs


seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.480.009 | 12 | 144 |
| size 10 | 60.480.010 | 12 | 144 |

PU-Nitrile-Stretch Glove


seamless knitted glove, special grey and flexible stretch material, very soft black coating on palm and finger-tips, dotted palm, perfect fitting, EN420, EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.481.009 | 12 | 144 |
| size 10 | 60.481.010 | 12 | 144 |

PU-Stretch Glove


grey, palm and finger tips with grey PU coating EN420 & EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.430.009 | 12 | 144 |
| size 10 | 60.430.010 | 12 | 144 |

Latex-Nylon Stretch Glove


grey, open back, knitted wrist, black latex coating EN420 & EN388 CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.460.009 | 12 | 144 |
| size 10 | 60.460.010 | 12 | 144 |
| size 11 | 60.460.011 | 12 | 144 |

Nitrile-Nylon Stretch Glove


knitted glove, open back, with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.470.009 | 12 | 144 |
| size 10 | 60.470.010 | 12 | 144 |

Nitrilefoam-Nylon Stretch Glove



knitted glove, back of hand partly coated with micro-foam-nitrile coating, breathable, excellent fit, extreme good sense of touch CE CAT2

| | | | |
|---------|------------|----|-----|
| size 9 | 60.475.009 | 12 | 144 |
| size 10 | 60.475.010 | 12 | 144 |

Nitrile-Nylon Stretch Glove



Nylon/Spandex knitted glove, back of hand partly coated, liquid proofed Inside and back of glove double nitrile coating, on top a slip resistant nitrile coating (only inside)

| | | | |
|---------|------------|----|----|
| size 9 | 60.477.009 | 12 | 72 |
| size 10 | 60.477.010 | 12 | 72 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|--|--|--|------------|--------------|------------|--------------|
| Cotton Drill Gloves  | natural grey, 8 oz., knitted wrist size 10 | 60.900.009 | 12 | 240 | | |
| | Cotton Jersey Gloves  | natural grey, ambidextrous, 26 cm length size 10 | 60.920.010 | 12 | 240 | |
| Cotton Interlock Gloves  | raw white, 26 cm, heavy weight size 10 | 60.960.010 | 10 | 600 | | |
| Nylon-Cotton-PVC Dot Glove  | Seamless knitted glove, one side PVC-dots, with palm, high comfort EN 288 CAT2 size 10 size 11 | 60.950.010 60.950.011 | 12 12 | 240 240 | | |
| | Cotton-Polyester-PVC Dot Glove  | Seamless knitted glove, both sides PVC-dots, with palm, high comfort EN 288 CAT2 size 10 | 60.955.010 | 12 | 240 | |

Winter Blocker Glove



seamless knitted terry glove, yellow, blue latex coating on palm and finger tips, perfect grip

| | | | |
|---------|------------|----|----|
| size 9 | 60.850.009 | 12 | 72 |
| size 10 | 60.850.010 | 12 | 72 |
| size 11 | 60.850.011 | 12 | 72 |

Disposable gloves



white, pre-powdered, non sterile, beaded cuff Box with 100pcs

| | | | |
|----|------------|---|--|
| XL | 60.700.010 | 1 | |
|----|------------|---|--|

Cow Leather-Cotton Glove



leather thickness approx. 1mm, made of core split leather, good quality, with cuff CAT2

| | | | |
|---------|------------|----|-----|
| size 10 | 60.111.010 | 12 | 120 |
|---------|------------|----|-----|

Cow Leather-Cotton Glove Premium



leather thickness min 1,2mm, good quality, with rubberised cuff CAT2

| | | | |
|---------|------------|----|-----|
| size 10 | 60.112.010 | 12 | 120 |
|---------|------------|----|-----|

Vinyl-Cotton Glove

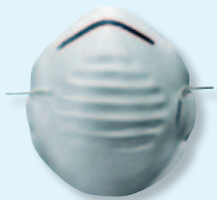


an alternative to leather gloves Ref.Nr. 60.111.010 because chromate free

| | | | |
|---------|------------|----|-----|
| size 10 | 60.610.010 | 12 | 120 |
|---------|------------|----|-----|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Dust Respirator



no respiratory protection

| | | | |
|------------|----|--|--|
| 92.100.001 | 50 | | |
|------------|----|--|--|

Dust Respirator



no breathing filter, can be used in concentrations up to 4x the exposure Standard, it meets the requirements of EN 149/2001 ClassP1

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4

| | | | |
|--------------|------------|----|--|
| FFP1 Class 1 | 92.200.001 | 20 | |
|--------------|------------|----|--|

Moulded Disposable Mask Valved Economy



This shaped to fit quality range of moulded disposable masks are available in Small, Medium and Large sizes. The valve products increase user comfort by lowering CO2 and heat build-up. With exhalation valve to increase comfort. Conforms to EN149:2001+A1:2009.

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4
FFP2 Class 2, medium efficiency (94%) with a protection factor of 10.

| | | | |
|--------------|------------|----|--|
| FFP1 Class 1 | 92.400.001 | 20 | |
| FFP2 Class 2 | 92.400.002 | 20 | |

Horizontal Fold Flat Mask Valved Professional



Horizontal fold flat shape for better fitting and clearer vision as well as convenience and ease of use. Extremely low breathing resistance, extremely low CO2 and heat build-up, and extremely low moisture build up. Hygienically individually packed. Conforms to EN149:2001+A1:2009, the silicone valve is unaffected by any moisture, and therefore can be used with the same performance under very low temperatures

FFP1 Class 1 efficiency (80% minimum) for low risk hazards with a protection factor of 4
FFP2 Class 2, medium efficiency (94%) with a protection factor of 10.

| | | | |
|--------------|------------|----|--|
| FFP1 Class 1 | 92.400.101 | 10 | |
| FFP2 Class 2 | 92.400.102 | 10 | |

Full Vision Respirator Mask



made of neoprene, without filter; use cartridge ref. 93.000.003

| | | | |
|-------------------------------------|------------|---|--|
| without filter | 92.300.002 | 1 | |
| A2 cartridge for ref. 92.300.002 | 93.000.003 | 1 | |
| Particle Filter for ref. 92.300.002 | 93.000.004 | 2 | |
| Replacement Glass | 92.300.003 | 1 | |

Full Face Mask



A full face twin cartridge mask with Class 3 heavy duty filter connections and clear panoramic visor with anti-mist, and anti-scratch coating. 5-point suspension harness and quick release buckle. The mask moulds padded. Conforms to: BS EN 136:1998

| | | | | |
|------------------------|------------|---|--|--|
| without twin cartridge | 92.300.005 | 1 | | |
|------------------------|------------|---|--|--|

Half Mask



The twin cartridge half mask with Typhoon™ valve offers superior low breathing resistance and a 4-point suspension harness with quick release buckles. Made with a durable thermoplastic rubber offering a superior fit to most face shapes. The mask accepts the full range of low profile filters giving the mask the flexibility to be used for many applications.

| | | | | |
|----------------------------------|------------|---|--|--|
| with AB1P2 combination cartridge | 92.401.101 | 1 | | |
|----------------------------------|------------|---|--|--|

Cartridge for ref. 92.300.005 + 92.401.101



A1 Organic Vapour Cartridge

| | | | | |
|-----------------------|------------|---|--|---|
| price per pack of two | 92.401.001 | 1 | | 5 |
|-----------------------|------------|---|--|---|

Cartridge for ref. 92.300.005 + 92.401.101



A2 Organic Vapour Cartridge

| | | | | |
|-----------------------|------------|---|--|---|
| price per pack of two | 92.401.002 | 1 | | 5 |
|-----------------------|------------|---|--|---|

Cartridge for ref. 92.300.005 + 92.401.101



FFP2 particulates filter

| | | | | |
|-----------------------|------------|---|--|---|
| price per pack of two | 92.402.002 | 1 | | 5 |
|-----------------------|------------|---|--|---|

Product

Details

RefNr

Sales Unit € piece/pair Sales Unit € piece/pair

Cartridge for ref. 92.300.005 + 92.401.101



AB1 Organic and In-Organic Vapour Cartridge

price per pack of two

| | | |
|------------|---|---|
| 92.401.005 | 1 | 5 |
|------------|---|---|

Cartridge for ref. 92.300.005 + 92.401.101



Cost effective filters for protection against particulates

P2 Pre-Filter Kit

| | | |
|------------|---|---|
| 92.402.012 | 1 | 5 |
|------------|---|---|

Cartridge for ref. 92.300.005 + 92.401.101



Cost effective filters for protection against particulates with low profile angle for minimum visual impairment. Cartridges have an integral maintenance free disposable inhalation valve

A1P2 Combination Cartridge

| | | |
|------------|---|---|
| 92.403.001 | 1 | 5 |
|------------|---|---|

Dust Respirator



3M Cool Flow valve reduces heat build up to offer comfortable protection, particularly in hot and humid conditions. Reliable, effective protection against fine particulates. Durable collapse resistant inner shell. Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, light weight off-the-face design. Standard: EN149:2001 FFP1 Approval: CE Marked Maximum use level: Assigned Protection Factor: 4 x OEL (Nominal Protection Factor 4 x OEL)

| | | | | |
|--------------|------------|----|--|--|
| FFP1 Class 1 | 92.200.104 | 10 | | |
| FFP2 Class 2 | 92.200.110 | 10 | | |

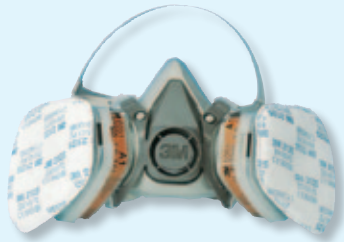
3M Dust Respirator Comfort Class



This new generation of respirators provides comfort and style without compromising performance - Three-panel design for improved comfort, fit and communication - Reliable, effective protection against fine particulates - 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions - Individually packed, foldable design prevent contamination before use and allows easy storage - Soft inner cover-web for greater comfort against the skin - Eventen-sioned straps relieve pressure for a comfortable and secure fit Standard: EN149:2001 FFP1 Approval: CE Marked Maximum use level: Assigned Protection Factor: 4 x OEL

| | | | | |
|--------------|------------|----|--|--|
| FFP1 Class 1 | 92.200.204 | 10 | | |
| FFP2 Class 2 | 92.200.210 | 10 | | |

3M Half mask Respirator



without cartridge, the 3M 6000 Series half masks are reusable respirators designed for low maintenance and maximum simplicity and comfort.

| | | | | |
|-------------|--------------|---|--|--|
| Medium Size | 92.300.101-M | 1 | | |
| Large Size | 92.300.101-L | 1 | | |

use cartridge ref. 93.000.001/002

3M Comfort Half Mask Respirator

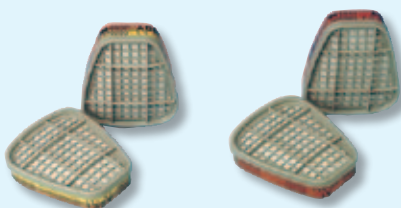


without cartridge, 3M 7000 series half masks are reusable respirators with fully replaceable parts for maximum durability and quality.

| | | | | |
|------------|------------|---|--|--|
| Large Size | 92.300.001 | 1 | | |
|------------|------------|---|--|--|

use cartridge ref. 93.000.001/002

3M Cartridge



cartridge for ref. 92.300.001 + 92.300.101

| | | | | |
|-----------------------------|------------|---|--|--|
| A1 Organic Vapour Cartridge | 93.000.001 | 2 | | |
| A2 Organic Vapour Cartridge | 93.000.002 | 2 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

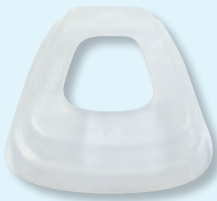
3M Dust Cartridge



only in conjunction with ref. 93.050.010

| | | | |
|------------|---|--|--|
| 93.000.010 | 2 | | |
|------------|---|--|--|

3M Dust Cartridge Cap



for ref.93.000.010

| | | | |
|------------|---|--|--|
| 93.050.001 | 2 | | |
|------------|---|--|--|

Hard Cap



exceed the most recent standards, EN812:1997+2001, Reflective piping on all models adds extra visibility, extra holes in the liner plus the two mesh panels on the outer mean added ventilation, Sizing ranges from 53cm to 63cm head size, the outer cap is removable and fully washable for hygiene purposes and extended life cycle, with sweat band

| | | | |
|------------|---|--|--|
| 80.000.201 | 1 | | |
|------------|---|--|--|

LED Lamp



for use with hardcap A1+ and safety helmets. Lightweight. Contains five high power LEDs. Lithium batteries included. Securely mounts onto peak of chosen head wear, 4 power settings: 1xLED, 3xLED, 5xLED, Flash/Hazard

| | | | |
|------------|---|--|--|
| 80.000.290 | 1 | | |
|------------|---|--|--|

Safety Helmet



according EN, 6 internal strap support and sweat band, rainwater gutter, prepared for ear and face protection, weight approx. 340g

| | | | |
|------------|---|--|--|
| 80.000.001 | 1 | | |
|------------|---|--|--|

Assimilable Safety Glasses



easy assembly kit for adding a clear, polycarbonate, retractable eyeshield to safety helmet ref. 80.000.001, conforms to EN166.1.F

| | | | |
|------------|---|--|--|
| 80.000.011 | 1 | | |
|------------|---|--|--|

Safety Helmet with Integral Visor



extremely comfortable terylene webbing moulds to the individual shape of the wearers head, a rain channel directs rain away from wearers face, lets hot air out of the roof of the helmet, whilst at the same time sucking in cooler air from the bottom of the helmet, reduces helmet temperatures by an average 2-3°C, the integral visor ensures that eye protection is on hand when needed and never lost, whilst removing the need for additional eye protection. Protects to EN166.1.F

| | | | |
|------------|---|--|--|
| 80.000.101 | 1 | | |
|------------|---|--|--|

| | | | |
|---------------------------------------|------------|---|--|
| Replacement Visor for ref. 80.000.101 | 80.000.121 | 1 | |
|---------------------------------------|------------|---|--|

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Ear Protection Capsule



for ref. 80.000.101 SNR: 28dB Conforms to EN352-3

SNR-Wert: 28dB

| | | | |
|------------|---|--|--|
| 80.000.131 | 1 | | |
|------------|---|--|--|

Leather Sweatband



for ref. 80.000.101

| | | | |
|------------|---|--|--|
| 80.000.090 | 3 | | |
|------------|---|--|--|

Deluxe Chin Strap with Chin Cup



for ref. 80.000.101 wide elastic chinstrap with chin cup releases automatically with forces between 150 and 250 Newton's

| | | | |
|------------|---|--|--|
| 80.000.095 | 1 | | |
|------------|---|--|--|

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|---|--|------------------------------|------------|-------------|------------|-------------|
| Protection Eye Glasses  | a compact and lightweight goggle, tough Polycarbonate lens offers high resistance to impact from flying particles vented body, cost effective, PVC frame, Polycarbonate lens. standard anti fog Conforms to EN 166.1.B | 80.100.001 80.100.002 | 1 1 | | | |
| Protection Eye Glasses  | glass size: 2,5x2" (62x52mm) | 80.200.001 | 1 | | | |
| Panorama Protection Eye Glasses  | a wraparound traditional style eye shield for wide vision and complete protection, moulded nose piece for added comfort side shields and adjustable arms with cord attachment point, extremely light weight, scratch resistant and antistatic Conforms to EN166.1 | 80.200.002 | 1 | | | |
| Curved Panorama Protection Eye Glasses  | Length and angle adjustment temples. Impact and UV protection extended wraparound single lens. Blocks 99.9% of ultraviolet radiation. Lightweight adjustable frame. Conforms to EN166.1.F | 80.200.005 | 1 | | | |
| Sporty Safety Glasses  | soft flexible nose pad and rubber temple tips ensure comfort fit and reduce slippage, dual curved lens provide uncompromised wide vision and protection blocks 99.9% of ultraviolet radiation. Sporty modern design. Conforms to EN166.1.F | 80.200.008 | 1 | | | |
| Sporty Safety Glasses with adjustable side arms  | latest sports style, ultra lightweight with soft nose bridge make this spectacle very comfortable. Conforms to EN166 1.F | 80.200.018 | 1 | | | |

Worker Protection

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Smoked Safety Glasses



contour design and flexibility of frame gives a good versatile fit onto both smaller and larger faces extremely light and comfortable, has been tested and approved to EN166 1.F.T protection together with EN170 - UV Ultra Violet ray filters or EN172 - Sun filters for industrial use all lenses provide UV protection

| | | | | |
|-------------------------------|------------|---|--|--|
| Smoke Frame and HC Lens UV400 | 80.200.009 | 1 | | |
|-------------------------------|------------|---|--|--|

Flexible Safety Glasses



Sports style side arms to ensure comfortable, secure fit. Enhanced soft rubber for maximum ease of wear, fully flexible enhanced TPU frame is capable of recovering from almost any deformation, world leading inject-binded lens and frame ensure optimum resilience, life span and unbeatable performance, supple frame-casing adjusts exactly to wearers face making them the most comfortable glasses available.

| | | | | |
|---|------------|---|--|--|
| Translucent Orange Frame Smoke HC Lens UV400 | 80.200.010 | 1 | | |
|---|------------|---|--|--|

Flexible Safety Glasses



Sports style side arms to ensure comfortable, secure fit. Enhanced soft rubber for maximum ease of wear, fully flexible enhanced TPU frame is capable of recovering from almost any deformation, world leading inject-binded lens and frame ensure optimum resilience, life span and unbeatable performance, supple frame-casing adjusts exactly to wearers face making them the most comfortable glasses available.

| | | | | |
|--|------------|---|--|--|
| Blue Frame Indoor/Outdoor HC Lens UV400 HC Lens UV400 | 80.200.011 | 1 | | |
|--|------------|---|--|--|

Black Spectacle Neck Cord



standard cord for attachment to all safety spectacles to ensure they are always close to hand

| | | | | |
|--|------------|---|--|--|
| | 80.200.090 | 1 | | |
|--|------------|---|--|--|

Zippered Rigid Case



Protective case for storing either safety spectacles or goggles with a zippered lid

| | | | | |
|--|------------|---|--|--|
| | 80.200.093 | 1 | | |
|--|------------|---|--|--|

Safety Glasses with Filter Economy



safety eyewear and respirators often reduce each others effectiveness because eyewear frames compromise the seal of the respirator and lead to lens misting and reduced respiratory protection.

FilterSpec® combines both protective devices into an integrated unit, allowing them to work harmoniously to provide optimum wearer comfort and protection, anti-mist and anti-scratch coating as standard on all lenses, Spectacle conforms to: EN166.1.F.T, Disposable filter respirator element for optimum protection, low breathing resistance valve reduces moisture and CO build up, padded for extra comfort over prolonged use, moulds to face shape for excellent seal. Conforms to: EN1827:1999 + A1:2009

with FMP2 Valve Filter - clear lens (clam shell)

| | | | |
|------------|---|--|--|
| 92.405.000 | 1 | | |
|------------|---|--|--|

Safety Glasses with Filter Professional



suitable for spectacles wearer safety eyewear and respirators often reduce each others effectiveness because eyewear frames compromise the seal of the respirator and lead to lens misting and reduced respiratory protection.

FilterSpec® combines both protective devices into an integrated unit, allowing them to work harmoniously to provide optimum wearer comfort and protection, Goggle Stylish goggle design providing impact protection. Fully adjustable dual wide fitting elastic harness for optimum fit and comfort. Anti-mist coating as standard. Anti-scratch coating as standard. 5.5 base, one-piece lens offers optimal coverage. Can be used with prescription (Rx) eyewear.

Goggle conforms to: EN166.1.B.T Respirator Filter The respirators have been developed for particular working environments, integrating features like activated carbon layer offering relief from nuisance odours below TLV (Threshold Limit Value, the work place exposure limit.

This new concept in eye and respiratory protection, solves the problem of incompatible safety spectacles and disposable respirators. Disposable filter respirator element for optimum protection. Low breathing resistance valve reduces moisture and CO build up. Padded for extra comfort over prolonged use.

Moulds to face shape for excellent seal. Conforms to: EN1827:1999 + A1:2009

Black with FMP2 Valve Filter

| | | | |
|------------|---|--|--|
| 92.405.100 | 1 | | |
|------------|---|--|--|

Replacement Filter



for ref. 80.405.000 and 80.405.100, against organic gas and dust
10 pcs per box, price per box

| | | | | |
|------|------------|---|--|--|
| FFP2 | 92.405.002 | 1 | | |
| FFP3 | 92.405.003 | 1 | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Ear Protection Capsule Economy



weight approx. 160g, adjustable to any required height

| | | | | |
|-----------|------------|---|--|--|
| SNR: 25dB | 80.300.001 | 1 | | |
|-----------|------------|---|--|--|

Ear Protection Capsule Standard



Quality ear defenders, for use in medium duty industrial and outdoor applications, soft, wide foam cushions for all day comfort - ideal for long shifts, over the Head SNR=30, Behind the Head SNR=26, conforms to EN352-1

| | | | | |
|-----------|------------|---|--|--|
| SNR: 30dB | 80.300.011 | 1 | | |
|-----------|------------|---|--|--|

Earplugs



self-adjusting to minimise pressure on the ear canal and to maximise noise protection, conforms to EN352-2

| | | | | |
|-----------|------------|----|-----|--|
| SNR: 33dB | 80.300.010 | 10 | 100 | |
|-----------|------------|----|-----|--|

Ear Plugs with Cord



re-useable, washable corded ear plug with compact carry case, conforms to EN352-2

| | | | | |
|-----------|------------|---|----|--|
| SNR: 32dB | 80.300.050 | 5 | 50 | |
|-----------|------------|---|----|--|

Ear Plugs with Cord



re-useable, washable corded ear plug with compact carry case, conforms to EN352-2

| | | | | |
|-----------|------------|---|--|--|
| SNR: 26dB | 80.300.060 | 1 | | |
|-----------|------------|---|--|--|

Eye Rinsing Bottle



with 0,9% Na-Solution, durable 3 years, max. rinsing time 4 min

200 ml

94.000.200

1

Protection Bag



for eye rinsing bottle Art. Nr. 94.000.200 incl. straps for belts attachment

94.001.200

1

Hand cleaner



special cleaner for resins, sensational cleaning performance

- skin-friendly solvent
- without abrasive agents
- all free from artificial scents and preservatives
- excellent skin compatibility
- dermatologically tested
- bio-degradable

1 litre

98.000.001

1

Skin Maintaining Lotion



Lotion for skin regeneration, containing bee wax and natural oil, silicon free

250 ml

98.000.002

1

Cover Foam



protect hand from dirt, reduces sweating in gloves, reaches for approx. 150 applications

100 ml

98.000.003

1

Face Shield Crème


protects face against ink mist during spraying. Prevents ink mist from adhering to sensitive facial skin - easy to wipe off with a cloth

100 ml

98.000.310

1

Scrubs in a bucket


Citrus-based formula on tough towel Dissolve and absorb grease Pumice Soap on pre-moistened towels Removes, grease, paint, caulk, tar, oils, dirt, ink, dye, sealants & more

72 towels per bucket

98.900.001

1

6

Skin Protection Plan

| | At what time? | Which ? | How? |
|------------------------|--|---|---|
| Skin Protection | > before work | Multitool Cover Foam Art. 98.000.003 | - apply smooth and even on dry, clean skin - don't forget skin under your fingernail and between the finger - let it absorb |
| Skin Cleaning | > if required > before use of skin care product | Multitool Handcleaner Art. Nr.: 98.000.001 | - use carefully and sparingly - dry hands thoroughly - use afterwards skin maintaining |
| Skin Care | > before break > at work end > if required | Multitool Skin Maintaining Art. 98.000.002 | - apply smooth and even on dry, clean skin - don't forget skin under your fingernail and between the finger - let it absorb |

| Product | Details | RefNr | Sales Unit | €piece/pair | Sales Unit | €piece/pair |
|--|---|--------------------------|------------|-------------|------------|-------------|
| Knee Pad black  | made of PU foam, certified acc. DIN EN 14404 subject class 2 puncture resistant 1 strap | 80.400.010 | 1 | | | |
| Knee Pad yellow  | made of PU foam certified acc. DIN EN 14404 subject class 0, not puncture resistant 2 strap replacement strap | 80.400.002 80.400.100 | 1 1 | | | |
| Knee Pad white  | designed for jobs where most of the work is carried out kneeling – inner pocket lined with permanently elastic, very soft material - adapts to the shape of the users knee | 80.410.001 | 1 | | | |
| Knee Pad bellows  | flexible knee pad, made of PUR, with elastic folds. The 4 fold knee-protector with elastic bellows provides freedom of movement and optimum protection. With a tough, abrasion-proof outer skin, combined with a new ergonomically designed inner cushion. orange | 80.415.002 | 1 | | | |
| Knee Pad bellows  | white, rounded shape | 80.412.005 | 1 | | | |
| Gel Knee Pad  | with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel | 80.430.001 | 1 | | | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Hard Cap Knee Pad with Hinge


optimised with patented ergonomic form-cushion - inherently stable, washable and permanently elastic Fully adjustable 4cm width elastic straps

| | | | |
|------------|---|--|--|
| 80.420.001 | 1 | | |
|------------|---|--|--|

Hard Cap Knee Pad with Bellow


this model combines the advantages of a hard shell knee-protector, with an elastic bellow. It fits perfectly on the upper part of the knee and prevents the intrusion of foreign particles while allowing maximum mobility.

| | | | |
|------------|---|--|--|
| 80.420.020 | 1 | | |
|------------|---|--|--|

Knee Pad Accessories

Attachment Button

| | | | |
|------------|---|--|--|
| 80.420.006 | 1 | | |
|------------|---|--|--|

Replacement strap for hard cap knee pad

| | | | |
|------------|---|--|--|
| 80.420.005 | 1 | | |
|------------|---|--|--|

Knee Protector


for optimal knee protection while working done in a kneeling position. With the continuously variable Velcro straps the protectors can be properly adjusted and fastened to the knee. All work on building sites can be carried out knee friendly and painless. Developed in cooperation with the Federation of Trade Associations.

| | | | |
|------------|---|--|--|
| 80.415.050 | 1 | | |
| 80.415.055 | 1 | | |

replacement straps

PE Overall



made of white polypropylene fleece, with cowl, elastic cuffs, ankles and waist

| | | | |
|-----|------------|---|----|
| XL | 90.000.XL | 1 | 50 |
| XXL | 90.000.XXL | 1 | 50 |

PE Overall



antistatic (EN 1149-1), white, with cowl, elastic cuffs, ankles and waist, CE CAT III, Type 5&6

| | | | |
|-----|------------|---|--|
| XL | 90.050.XL | 1 | |
| XXL | 90.050.XXL | 1 | |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

PE Trousers



made of white polypropylene fleece, air-permeable, elastic cuffs, ankles and waist

| | | | |
|-----|----------|----|----|
| XL | 90.100.L | 10 | 50 |
| XXL | 90.100.L | 10 | 50 |

Head Hood



Barret form

| | | | |
|---------|------------|----|--|
| Ø 53 cm | 92.010.053 | 10 | |
|---------|------------|----|--|

PP Arm protection



made of polypropylene fleece, 30 g/m², length 45 cm, air-permeable and moisture-repellent

| | | | |
|--|------------|----|----|
| | 92.010.001 | 10 | 30 |
|--|------------|----|----|

PE Protection Boot



splash protection of shoes and trousers during deaeration, priming or sealing

| | | | |
|--|------------|----|----|
| | 92.000.001 | 10 | 30 |
|--|------------|----|----|

PP-CPE Protection Shoe



made of polypropylene, with CPE outsole, for walking on new floors to protect against scratching
price per pcs

| | | |
|------------|----|-----|
| 92.000.003 | 50 | 100 |
|------------|----|-----|

PP-CPE Protection Shoe



with PVC sole, for walking on new floors to protect against scratching, slip resistant and antistatic
price per pcs

| | | |
|------------|----|-----|
| 92.000.004 | 10 | 100 |
|------------|----|-----|

Screed layers Chaps



Chaps with knee cushion

closed with press button up to knee

| | |
|------------|---|
| 90.210.010 | 1 |
|------------|---|

closed with Velcro up to knee

| | |
|------------|---|
| 90.210.020 | 1 |
|------------|---|

Cushion for Chaps



conforms to EN 14404

| | |
|------------|---|
| 90.250.010 | 1 |
|------------|---|

6

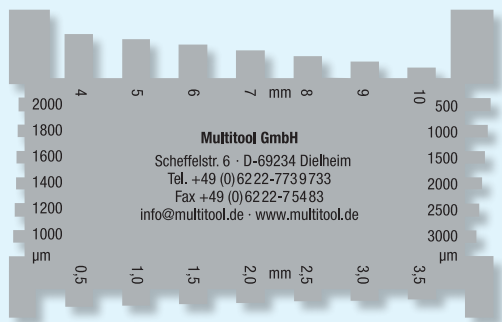
Testing and Measuring



| | | | |
|--------------------------------------|--------|----------------------------------|--------|
| Cabel Finder | 6 - 7 | Pyrometer | 6 - 9 |
| CM Measuring Set | 6 - 14 | Radio | 6 - 9 |
| Concrete Testing Hammer | 6 - 12 | Rangefinder | 6 - 2 |
| Floor Surface Laser | 6 - 10 | Ruler | 6 - 1 |
| Folding Ruler | 6 - 1 | Spoon Balance | 6 - 3 |
| Humidity Tester | 6 - 13 | Steel Measuring Tape | 6 - 1 |
| Job Site Radio | 6 - 9 | Stud Detector | 6 - 5 |
| Laser Rangefinder | 6 - 2 | Surface Laser | 6 - 10 |
| Measuring Cup | 6 - 3 | Testboy | 6 - 8 |
| Measuring Wheel | 6 - 2 | Thermometer | 6 - 8 |
| Multimeter Economy | 6 - 4 | Thickness Gauge | 6 - 1 |
| Multimeter Professionell | 6 - 6 | Thickness Gauge | 6 - 12 |
| Odometer | 6 - 2 | Try Square | 6 - 2 |
| Platform Scale | 6 - 3 | Vernier Caliper | 6 - 1 |
| Pull Off Tester | 6 - 16 | Wall Scanner | 6 - 4 |
| | | Water Balance | 6 - 3 |

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Thickness Gauge



**aluminium,
measuring range 0,5-10mm**

99.001.001

1

**plastic,
measuring range 0,25-2mm**

99.001.002

1

Folding Rule 2 m



wood
glasfibre

40.200.001

1

40.200.002

1

Vernier Caliper manual



stainless

150 mm

31.400.001

1

Vernier Caliper digital



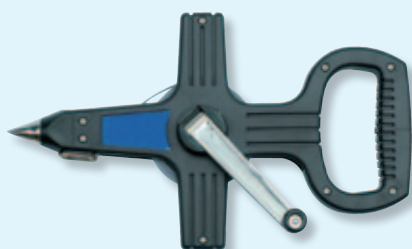
display shows mm or inch

150 mm

31.400.003

1

Steel Measuring Tape



steel

50 m

40.200.050

1

Try Square



Aluminium

300 mm

40.280.030

1

Odometer



Measuring wheel for use on straight lines and curves.

- This mechanical metering wheel delivers accurate measured values at all ranges up to 9.999,9 m.
- Large, easy to read display with additional fine scale (1 - 9 cm) for precise measurement.
- Addition when wheels are turning forwards, Subtraction when wheels are turning backwards.
- The moving pointer shows the exact start and end positions.
- Folding design and softbag for easy transport.
- Well positioned brake and zero setting directly on handle.
- Non-wearing cardanic scale drive.
- Metering wheel with 1-metre circumference.

ACCURACY $\pm 0,1\%$
 RANGE 0 – 9.999,9 m
 WEIGHT 1,8 kg
 DIMENSIONS (W x H x D)
 318 x 1000 x 140 mm
 318 x 510 x 140 mm (folded)

including softbag

85.200.100

1

Laser Rangefinder



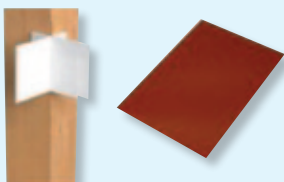
Laser Rangefinder up to 50 meters with lot of functions:

- addition,
- subtraction,
- area computation,
- volume computation,
- Pythagoras functions,
- for quick, easy and safe measurement

85.200.051

1

Target Plate



The laser fixed target makes it possible a better reflection from a long distance to the specific target. (it is recommended from 40-50 metres).

85.200.055

1

Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

Water Balance



Aluminium

| | | | | |
|-------|------------|---|--|--|
| 40 cm | 40.220.040 | 1 | | |
| 60 cm | 40.220.060 | 1 | | |
| 80 cm | 40.220.080 | 1 | | |

Measuring Cup



open handle, stackable

| | | | | |
|---------------|------------|---|--|----|
| 50 ml | 40.600.050 | 1 | | 10 |
| 100 ml | 40.600.100 | 1 | | 10 |
| 250 ml | 40.600.250 | 1 | | 6 |
| 500 ml | 40.600.500 | 1 | | 6 |
| 1 L | 40.600.001 | 1 | | 6 |
| 2 L | 40.600.002 | 1 | | 2 |
| 3 L | 40.600.003 | 1 | | 2 |
| closed handle | | | | |
| 5 L | 40.600.005 | 1 | | 2 |

Platform Scale



supporting platform 32x38cm, weighing range up to 75 kg, up to 25kg in 5g steps from 25kg in 10g steps, TARA Function, automatic shutdown (idle) individually adjustable (deactivate, 15min, 30min, 45min, 60min), electric or battery powered (4x1,5V AA)

| | | | |
|------------|---|--|--|
| 99.000.001 | 1 | | |
|------------|---|--|--|

Spoon Balance



max weight 300g/10,935oz
display shows 0,1g/0,005oz
shutdown after 60sec

| | | | |
|------------|---|--|--|
| 99.000.300 | 1 | | |
|------------|---|--|--|

Multimeter Economy



with large LCD-Digits
 Designed to measure:
 DC voltage: 0 - 500V;
 AC voltage: 0 - 500V;
 DC current: 0 - 2A;
 Resistance: 0 - 2Mohm;
 diodes;
 transistors (hFE NPN PNP)

| | | | |
|------------|---|--|--|
| 85.500.101 | 1 | | |
|------------|---|--|--|

Stud Detector



Wires & Metals Detection Capability:
 Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
 AC Live Wires: 50.8 mm (2 inches) deep away from the wall
 Metals: 38.1 mm (1 1/2 inches) deep away from the wall
 Power Supply: 1 x 9V battery (not included)
 Battery Life: 1 year with normal use
 Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
 Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
 Weight: approx. 170g (battery excluded) One Set Included
 1 x 3 in 1 Stud Scanner, 1 x Instruction Manual, Standard Factory Package

| | | | |
|------------|---|--|--|
| 85.800.101 | 1 | | |
|------------|---|--|--|

Testing and Measuring

Wall Scanner Multifunction



This stud detector is featured with Large and clear 2" LCD display and uses electronic signals to locate the exact position of studs, ceiling joist AC wires and metal through drywall, concrete and other common wall materials. It calibrates automatically after starting up with sensitive induction.

Once the edge of a stud has been detected, it emits audio and visual signals (LCD Display) that allow you to easily identify and mark the center position with Pencil. This tool still detects live wire and output visual alarm (live wires caution symbol display in the screen) even when it is in stud detection mode or in metal detection mode.

Applications

Wires and pipelines distribution on upholstery, installation of electrical equipments (air conditioner and oil smoke extractor)
 Frame of wood furniture detection; Hang mirror, picture, cabinet, and shelves securely
 Install grab bar, ceiling fan, and chandelier; Find metallic pipes in concrete; Find electrical box, exhaust vent, conduit, rebar, and ducting; Trace hot wires behind ceiling, floor and wall;
 In construction and interior decoration; Detection of structures for installation of wooden furniture;
 Installation of doors and windows; Inspection and evaluation of Properties; Property Maintenance

Features

Large 2 inch (50.8 mm) LCD Display with Backlight screen
 3 in 1 Detector to Detects Wood Stud, Joists, AC Live Wires and Metals
 Wood joist scan detecting depth: 3/4 inches thick
 AC live wire scan detecting depth: 2 inches deep
 Metal scan detecting depth: 1 1/2 inches deep
 Metal scan mode locates metal pipes or rebar
 Automatic calibration when power on
 Easily find the edges and center
 Audible indication (beep) when target is detected

Specifications

LCD Display: 2 inch with LCD Backlight
 Object of Detection: Wood joists, AC Live Wires & Metals
 Detection Capability:
 Wood joists: Thickness of wall is 19.05 mm (3/4 inches)
 AC Live Wires: 50.8 mm (2 inches) deep away from the wall
 Metals: 38.1 mm (1 1/2 inches) deep away from the wall
 Power Supply: 1 x 9V battery (not included)
 Battery Life: 1 year with normal use
 Operating Temperature: 5 ~ 40 °C (41 ~ 104 °F)
 Dimensions: approx. 180 (L) x 75 (W) x 30 (D) mm (7.09' x 2.95' x 1.18' inch)
 Weight: approx. 170g (battery excluded)

One Set includes

1 x 3 in 1 Stud Scanner
 1 x Instruction Manual
 Standard Factory Package

| | | | |
|------------|---|--|--|
| 85.800.003 | 1 | | |
|------------|---|--|--|

Pen Multimeter (Professional)



This multimeter comes with alligators clips and an extension for measurement points, allowing the multimeter to be used in places that are normally difficult to access. The ability to use it in one hand and the data hold function make this an easy multimeter to operate. All measurement ranges, such as voltage (AC/DC), resistance, diode test, continuity test can be operated by a single finger pressing a button which activates the controls within. Such properties are important to technicians working in the sector for installations and machinery

- Easy, one hand operation
- High contrast LCD ensures that measurement values can be read easily in conditions of poor light
- Automatic range selection
- Data hold function
- Auto shut-off
- Designed with safety in mind
- Diode test
- Tests continuity
- Comes with extensions for measurement points, alligator clips, batteries, replacement fuse and user manual

Technical specifications

| | | Measurement range | Resolution Accuracy |
|--|--|-------------------|---------------------|
| Voltage | 400,0 mV | 0,1 mV | ± (0,8 % + 2 dgt) |
| 4,000 V | 1 mV | ±(1,0 % + 2 dgt) | |
| 40,00 V | 10 mV | ±(1,0 % + 2 dgt) | |
| 400,0 V | 100 mV | ±(1,0 % + 2 dgt) | |
| 600 V | 1 V | ±(1,2 % + 2 dgt) | |
| Maximum input value | 1000 V | | |
| Input resistance | 10 M Ω | | |
| Voltage AC (40 Hz to 400 Hz) | 1 mV | ±(1,2 % + 3 dgt) | |
| 40,00 V | 10 mV | ±(1,2 % + 3 dgt) | |
| 400,0 V | 100 mV | ±(1,2 % + 3 dgt) | |
| 600 V | 1 V | ±(1,5 % + 3 dgt) | |
| Maximum input value | 1000 V | | |
| Input resistance 10 M Ω | | | |
| DC current | 40,00 mA | 0,01 mA | ±(1,5 % + 2 dgt) |
| 400,00 mA | 0,1 mA | ±(1,5 % + 2 dgt) | |
| Maximum input value | 400 mA | | |
| AC current | 40,00 mA | 0,01 mA | ±(1,8 % + 3 dgt) |
| 400,0 mA | 0,1 mA | ±(2,0 % + 3 dgt) | |
| Maximum input value of | 400 mA | | |
| Resistance 400,0 Ω | 0,1 Ω | ±(3 %) | |
| 4,000 K Ω | 1 Ω | ±(3 %) | |
| 40,00 K Ω | 10 Ω | ±(3 %) | |
| 400,0 K Ω | 100 Ω | ±(3 %) | |
| 4,000 M Ω | 1 KΩ | ±(3 %) | |
| 40,00 M Ω | 10 KΩ | ±(3 %) | |
| Transit test | coustic signal to <35 Ω | | |
| Diode test | test voltage 3,4 V | | |
| Dimensions | 230 x 35 x 20 mm | | |
| Weight | 200 g | | |
| Display | 3-3/4 LCD-Anzeige | | |
| Range selection | automatic | | |
| Power | 2 x LR44 batteries | | |
| Low battery indicator when batteries are low | | | |
| Auto shut-off | after 10 min. without activity | | |
| Standard | IEC 61010 ; CAT III / 600V; CE certified | | |

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator
- 1 x receiver
- 2 x batteries
- 2 testing cables
- 2 x alligator clips
- 2 x clips and user manual.

85.500.001

1

Cable Detector


can detect voltage lines up to 400 V in circuits and free-voltage lines. The cable detector can locate cables, lines, circuits, short circuits, ground as well as test protective tubing and coaxial cables.

To perform these functions, it is not necessary to disconnect the power source or to disconnect the power to the cable being tested. The location can be carried out in ground, concrete walls and brick walls by the cable detector.

Cable detection system is composed of a signal generator for active lines and a transmitter for cables without current such as a receiver. The signal generator feeds high frequency electro-magnetic signals through the lines being tested. These signals are converted at the end of the cable, into acoustic or optical signals by the receiver. The intensity of the signal is the standard used for locating the line. In the signal generator both the signal power and the searching channel can be regulated. The cable detector can simultaneously work with diverse transmitters without any interference between them.

- Lines can be detected in floors, ceilings and walls.
- Detection of interruptions in cables, switches and fuse
- Detection of short circuits
- Detection of ground connection in triple phase mains power
- Follow protective tubing in water and heating
- Lines distribution

Functions of the components
Technical specifications

| | |
|--------------------------------|-----------------------------------|
| Operating temperature/humidity | 0 ... 40 °C / max. 80 % r.F. |
| Storing temperature/humidity | -20 ... +60 °C / max. 80 % r.F. |
| Receiver | |
| Auto shut-off | approx. to 5 min. |
| Absorbed power | max. 40 mA |
| Display | LCD Display bar graph |
| Battery | 9 V battery |
| Dimensions | 192 x 61 x 37 mm |
| Weight | approx. 180 g |
| Signal generator | |
| Maximum voltage | 400 V AC (0 - 60 Hz) |
| 400 V DC | |
| Transmitting frequency | 125 kHz |
| Display | LCD-Display |
| Auto shut-off | nach ca. 1 Stunde |
| Absorbed power | max. 18 mA |
| Battery | 9 V Blockbatterie |
| Fuses | Flink, 0,5 A / 500 V, 6,3 x 32 mm |
| Overvoltage category | CAT III, 300 V |
| Dimensions | 130 x 69 x 32 mm |
| Weight | 130 g |

Delivery content:

- 1 x cable detector composed by a carrying case and a signal generator,
- 1 x receiver,
- 2 x batteries,
- 2 testing cables,
- 2 x alligator clips,
- 2 x clips and user manual.

85.500.010

1

Voltage Tester Testboy 40 Plus



combines two practical functions in a single device. It reliably displays AC and DC voltages in the range 6 to 400 V. In addition, the electronics facilitate determining the phase against the protective earth conductor. A distinguishing characteristic of the Testboy 40 Plus is its user friendly design. The robust housing guarantees long-term reliability and has gained the approval of many customers working in the demanding electrical and tool making sectors.

The combination of materials used for the high-quality housing and the rubber grip underline the professional appearance of this instrument. Absolute safety in performance - AC and DC voltage tests with polarity indication.
Benefits: 5 year manufacturer's warranty
IEC/EN 61243-3 (DIN VDE 0682-401)

| | | | |
|------------|---|--|--|
| 85.500.040 | 1 | | |
|------------|---|--|--|

Voltage Tester Testboy LCD Plus



combines the following 12 functions in a single device:
Displays AC and DC voltages from 6 to 1000 V Single-pole phase testing
Two-pole phase sequence testing Continuity testing up to 150 ohms (acoustic)
Resistance testing up to 2000 ohms
Diode testing Data Hold function Illuminated display
Two-button fault current/RCD test LED torch (white)
Removable 4mm test tips adapter Auto power
Off The automatic power off function extends the life of the batteries.
The LC display is a particularly professional feature of this instrument that makes it easy for the service or installation technician to display the phase and phase sequence.
An acoustic signal is emitted to signalise a hazardous voltage when a 35V AC/DC voltage or above is detected.
Pushbutton load connection prevents unwanted tripping of the RCD, and ensures measurements of the protective earth conductor can also be undertaken.
Even when used daily the robust construction as well as the dust and waterproof housing guarantee a long service life.
The test tips are protected by a removable cap that in turn is attached to the device.
Benefits: 5 year manufacturer's warranty IEC/EN 61243-3 (DIN VDE 0682-401)

| | | | |
|------------|---|--|--|
| 85.500.100 | 1 | | |
|------------|---|--|--|

Pyrometer



ergonomic and easy to transport.
This light infrared pyrometer is attractive due to its size and its accuracy thanks to a visible laser pointer.
It pyrometer was designed for industrial use and for professionals working in inspection and maintenance of heating systems, ventilation systems, air conditioning units, in the automotive industry, for electrical systems and fuse boxes.
The pyrometer can be used in adverse conditions. It has a backlit LCD.
The pyrometer has a visible laser to quickly and accurately target the area to be measured allowing for measurements to be taken at certain distances if the object being measured it hot or difficult to access.
The emissivity is fixed at 0.95 and covers 90% of possible measurements taken.

- Fast measurement sequence
- Measured value display eligibly in °C or F
- Fixed emission ratio
- measuring spot ratio 8 : 1
- Automatic switch-off
- Battery operation
- Shiftable focus help
- compact and robust design

Technical Specifications

| | |
|---|---|
| Temperature measuring range | -30 °C ... +260 °C - 22 ... +500 F |
| Resolution | 1 °C |
| Accuracy | t 18 °C, <80 % rH ±4 °C (-30 °C ... 0 °C) ±2% or ±2 °C (0 °C ... +260 °C) |
| Response time | < 500 ms |
| Ambient temperature range | 0...50 °C (32...150°F) |
| Power Supply | 9 V bloc battery |
| Dimensions | 159 x 57 x 79mm |
| Weight | 180 g |
| Measuring spot (Measuring distance to measuring point size) | 08:01 |
| Emissionsgrad (fest eingestellt) | 0,95 |
| Lights shiftable | visible laser-point |
| LC Display | ja |

Delivery content

1 x infrared thermometer, 1 x battery, 1 x carry bag, 1 x instruction manual

| | | | |
|------------|---|--|--|
| 85.700.010 | 1 | | |
|------------|---|--|--|

Jobsite Radio



The DeWalt DCR016 is a jobsite radio which is powered by either the mains or by your DeWalt XR power tool batteries. With both AM and FM channels the twin sets of woofers and tweeters will have you dancing around the construction site.
Features:
FM/AM tuner receives analogue signal
Accepts 10.8V, 14.4V and 18V XR Li-Ion batteries
3.5mm auxiliary port allows for connection to portable audio devices
Blow moulded roll cage with 6 impact resistance points for maximum durability
Twin sets of woofers and tweeters with ported bass for high fidelity audio
2m power cord with wrap-around cord storage

| | | | |
|------------|------|--|--|
| 85.910.016 | 1,00 | | |
|------------|------|--|--|

Floor Surface Laser



The floor surface laser for a comfortable, safe and reliable check for possible rises or depressions in all areas. If you don't want to scour the floor on hands and knees or if you have almost resigned using conventional tools for levelling out a floor, you should definitely take a closer look at the GSL 2 Professional! Not only that you can easily operate the device via remote control, it also does the job both reliably and pretty much autonomously! The GSL 2 conducts a thorough and comprehensive examination of the whole area. The floor surface laser is equipped with a 360 degree inclinable laser head, so you only have to position it once for every measurement. It is self-levelling within 5 seconds up to an inclination of 4°. Through the flexibly adjustable height, the laser optics of the GSL 2 can be adjusted to practically every floor situation. Because it can be operated on regular or rechargeable batteries, it is always ready to use. The GSL 2 floor surface laser is the first of its kind. Make use of the convincing advantages this revolutionary technology offers you!

Technical data

Operating range (with/without target plate): 20 m/10m
 Levelling accuracy: ± 0,3 mm/m
 Self-levelling range: ± 4°
 Laser class / laser diode: 3 R/5 mW
 Height adjustability: 3 cm
 Operating time: 15 Std.
 Rechargeable batteries / batteries: 10,8 V Li-Ion / 4 x AA 1,5V
 Dust and splash proof: IP 54
 Operating temperature: -10°C...+50°C
 Weight with batteries (net/gross): 1,8 kg / 2 kg

Scope of delivery:

Measuring device, RC 2 remote control, target plate, 10,8 V lithium ion rechargeable battery, battery charger, 3 x 1,5-V-LR6 batteries (for RC 2), laser glasses, L-Box (size 3) transport case, L-Box-inlay, brief guide

85.800.100 1,00

Thermo Hygrometer



DThermo hygrometer measures air temperature (°C, °F) and relative humidity and indicates both values simultaneously on the easily legible display. Continuous real-time display of temperature and relative humidity. The thermo hygrometer is a professional handheld measuring device designed especially for monitoring the indoor climate in rooms, living areas, offices, production facilities, storerooms and warehouses. It has two temperature scales - one for Celsius and one for Fahrenheit. In addition to this long list of extremely useful features the Thermo hygrometer is equipped with a variety of exceptionally valuable functions. It can measure minimum, maximum and mean values and there's even a hold function to make direct evaluations. The thermo hygrometer is a true hand-held in every sense of the word. Its compact form and low weight are a result of extensive tests and trials carried out with only one aim in mind: to design an ergonomic measuring device that is so efficient and accurate that it can live up to the demands of different professionals while still being easy enough for an enthusiast to use. This then is why our team of engineers, technicians and designers came up with a thumbwheel which you only have to turn to select a new function.

Technical Data:

Air temperature measuring range: -20 °C ... +50 °C
 Relative humidity measuring range : 5...95 % r.H.
 Air temperature resolution: 0.1 °C
 Relative humidity resolution 0.1 % r.H.

85.100.310

1

Thermo Hygrometer



Psychrometer with external temperature sensor, memory, RS-232 Psychrometer (Dew point) with data storage and type-K temperature probes This psychrometer can measure different environmental conditions, in addition to also being able to simultaneous display the surface temperature of walls and products with its external temperature sensor. It can also calculate dew point and wet bulb. It also has a memory to stores up to 99 measurements.

Real time clock and date Memory stores up to 99 readings
Measures relative humidity and temperature with an internal sensor and surface temperature of walls or food with its external sensor
Determines dew point and wet bulb ISO Certificate (optional)
Technical specifications Measurement range
Temperature (internal) -20 to 50 °C Relative humidity 0 to 100 % r.H.
Temperature -21.6 to 50 °C Dew point temperature -78.7 to 50 °C
Temperature (external) -20 to 70 °C (depending on sensor)

Resolution: Temperature 0.1 °C Relative humidity 0.1 %
 Accuracy: Temperature ±0.6 °C Relative humidity ±3 %
 Response time approx. 60 s Humidity sensor endurance sensor Memory stores up to 99 readings External temperature- cable of 1.1 m, adjustable sensor with a type K beat wire temperature /dimensions with handle: 15 cm
 Power supply 4 AA batteries (1.5 V)
 Operating temperature -20 to 50 °C / 0 to 100 % r.H.
 Dimensions 44 x 57 x 230 mm Weight 200 g

| | | | |
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| 85.100.320 | 1 | | |
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Schmidt Hammer



The handheld mechanical hardness meter for testing concrete hardness meter for concrete is easy to use and is fundamentally used in the construction industry as well as other industrial sectors (testing for Wickel hardness of rolls in commodities). This hardness meter in the form of a hammer device for testing concrete is based on the Schmidt principal of measurement.

Testing is always done under the same test energy of 2207 J.

The kinetic energy of the rebound is given by the device as the measurement of the hardness of concrete, of the pressure upon the surface or as the resistance to pressure (kg/cm² or its conversion to N/mm²). The quality of concrete is useful in understanding the material's resistance to pressure, as an orientating value for testing the load capacity and durability of concrete constructions.

Resistance to pressure is represented as a series of numbers and letters, for example: B 25 indicates that the material is normal concrete with a resistance to a pressure equal to 25 N/mm².

Different readings exist up to the highest class of resistance which is indicated as B 55. With our hardness meter you will be able to easily and accurately classify concrete. The hardness meter comes calibrated from the manufacturer but an ISO calibration certificate can be ordered separately at extra cost

85.300.225

1

Non Destructive Ultrasonic Thickness Gage



coating thickness gage for non-metallic substrates as plastic, wood, concrete, glass, etc. according to ISO 2808 and ASTM D 6132 Measuring range 50 - 3.800 µm it measures the total thickness or up to 3 individual layer thicknesses in a multi-layer system (if physical-technical possible), also feature graphic readout for detailed analysis of the coating system, the gage has a robust casing and a large, easy-to-read display, internal memory stores up to 10,000 readings in up to 1,000 batches with date and time of day, a USB- and IR port are supplied as standard of each gage

85.280.210

1

Measuring Method with permittivity/high frequency waves
Humidity Tester for Building Materials

Measuring Method with permittivity/ high frequency waves

This humidity tester for building materials use a measurement procedure works according to both the permittivity- or the high frequency principle. To get accurate results with the humidity tester for building materials, you will only need to select the concrete type is going to be tested and put the electrodes on the concrete surface. Electromagnetic waves penetrate to a 50 mm depth, so the measurement results will be the mean value calculated within the 50 mm of surface.

- Measuring depth of 50 mm approx.
- Results are showered in few seconds.
- Any preparation is required.
- 3 positions LCD display.
- Direct and safe use in situ.
- Battery indicator.

Technical specifications

Measurement range 1 to 8 % of absolute moisture
 Accuracy $\pm 0.7\%$
 Resolution 0.1 %
 Measurement depth approx. 50 mm
 Display 3.5 digit LCD Power 9 V battery pack
 Dimensions 165 x 80 x 30 mm
 Weight 500 g
 Contents Moisture meter, battery back, carrying case and users manual

85.100.300 1,00

Humidity Tester for Concrete and Screed


Digital hand-held measurement unit from the MultiMeasure Professional series for rapid, non-destructive humidity readings in areas within a distance of 4 cm from surfaces. Continuous real-time display of humidity values, together with many functions. Apart from a maximum and a minimum function to help you carry out direct analyses it is also equipped with an additional hold function to freeze the value on the display - a feature you will not want to miss on a meter of this calibre. The display is well-structured and easy to read. There are two sets of readings - one above the other - so that you can select a second value whenever you wish to display it along with your real-time value. Another added advantage: an acoustic alarm Set your own individual thresholds for the acoustic alarm by entering a value which when exceeded will trigger the acoustic alarm. Cover whole walls and areas in a fraction of the time it would normally take and focus on your task and not the display: your trusted tool will automatically warn you as soon as the measured value falls short of the threshold you have set. Isn't it great to have something you can really rely on?

Here a quick run-down on the technical data:

Material moisture measurements: subsurface
 Measuring principle: dielectric
 Measuring range: 0 to 200 digits
 Resolution: 0.1 digits
 Accuracy: 0.1 digits
 Penetration depth: 40 mm
 Warning signal: acoustic
 Upper menu options: MAX, MIN, HOLD
 Lower menu options: ALARM

85.100.220 1,00

Humidity Tester for Concrete and Screed



measurement depth up to 6 cm, the humidity will digital shown as weight%
Following Materials are pre-programmed Standard cement screed Anhydrite Screed Anhydrite Flowing Screed Plaster Lime-cement plaster Concrete C-25/30

Use: find smooth surface with no water on top, switch tester on, choose the type of screed and press the sensor clamp onto the surface.

Area of operation: up to 25% humidity shown in weight%, reinforcement and heating tubes have no influence to the measurement

Tester size: 149x80x35 mm, 275g, incl. case, need 9V monoblock battery (not included)

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| 85.100.214 | 1 | | |
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CM measuring set



The CM measuring set can provide you and your builders with just the right equipment and exactly the information you need to determine when the residual moisture content of your sub-floors has reached the right level and the time is right for your tiles or the screed to be laid.

The CM-Basic Set includes:

1. A robust spring scale with extra-long, easy-to-read scale High precision - max. discrepancy <= 0.3% 20g calibrating weight for extra accuracy
2. Two specially-designed scales dishes that allow you to transfer your building material sample to the bottle with least possible spillage
3. Tools to take the samples
4. 4 metal balls
5. 20 carbide vials
6. 3 test vials with 1g of water (to ensure that the bottle/manometer are properly sealed)
7. 3 replacement seals for the manometer and the pressure cylinder, spoon and cleaning brush
8. Easy to read operating instructions, plus quick-start guide
9. Sturdy metal carry case guarantees that everything is where you need it - when you need it

| | | | |
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| 85.100.250 | 1,00 | | |
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Accessories CM-Tester



100 calcium carbide vials for CM measurement unit

| | | | |
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| 85.100.251 | 1 | | |
|------------|---|--|--|

CM Stainless Steel Balls, grade 4

| | | | |
|------------|---|--|--|
| 85.100.254 | 1 | | |
|------------|---|--|--|

Test medium for CM manometer, 10 ampoules

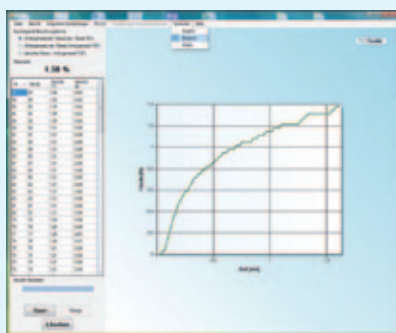
| | | | |
|------------|---|--|--|
| 85.100.252 | 1 | | |
|------------|---|--|--|

Moisture Measure Balance


The Balance has been specially designed for the use in industry or in the laboratory. This balance provides a quick and accurate method to measure moisture content and dry weight analysis of a wide range of products and materials. The users manure will provide you with advice and numerous practical examples. The two quartz halogen lamps (200W each) provide constant, even drying of the sample at a temperature pre-selected by the operator. Only a small sample needs to be placed on the balance, then close the cover, press the button and read the result (content of humidity; dry content). This instrument is the perfect tool in determining moisture and dry content weight accurately. You will be able to determine the humidity of materials of a range of materials, such as plastic, wood pellets, pharmaceutical substances, tobacco, tea, cereals, etc. Checking moisture and dry content can be done three different ways: Automatic: drying material until it has a constant weight Semi-automatic: drying stop when loss per unit of time goes below theoretical value Manual: adjusting the timer between 2 minutes and 9 hours and 59 minutes.

For more information pleas ask for technical data sheet

| | | | |
|------------|---|--|--|
| 85.100.100 | 1 | | |
|------------|---|--|--|

Software Kit


| | | | |
|------------|---|--|--|
| 85.100.110 | 1 | | |
|------------|---|--|--|

Fiberglass round filters

price per 100 pcs



| | | | |
|------------|---|--|--|
| 85.100.130 | 1 | | |
|------------|---|--|--|

Sample Pans

Pack of 50 aluminium sample pans



| | | | |
|------------|---|--|--|
| 85.100.140 | 1 | | |
|------------|---|--|--|

Pull Off Tester manual



the portable, hand-operated PosiTest Pull-Off Adhesion Tester measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure. The pressure is displayed on a digital LCD and represents the coating's strength of adhesion to the substrate. In accordance with ASTM D4541, D7234, ISO 4624 and others, the PosiTest evaluates the adhesion (pull-off strength) of a coating by determining the greatest tensile pull-off force that it can bear before detaching. Breaking points, demonstrated by fractured surfaces, occur along the weakest plane within the system consisting of the dolly, adhesive, coating layers and substrate.

Technical Data

| | |
|--------------------------|--|
| Measuring range | 0 ... 20 MPa (0 ... 3000 psi) |
| Resolution | 0,01 MPa (1 psi) |
| Accuracy | ±1 % (full measuring range) |
| Measuring area | The delivery content contains aluminium measuring probes of 20 mm. Probes of a 50 mm diameter can be ordered optionally |
| Devices | The adhesion tester is suitable for nearly all devices. Evenness is required. |
| Data memory | Internal memory for more than 200 measurements (besides the measured results diameter of probes, measurement time and drag force will be measured as well. |
| Interface | RS-232 |
| Software + cable | yes, additional equipment |
| Equipment | LCD |
| Environmental conditions | 0 ... +50 °C / 0 ... 80 % r.F. |
| Supply | 2 x AAA batteries |
| Dimensions | 40 x 20 x 15 cm |
| Weight | 5,5 kg |
| Standard | ASTM D4541, ISO 4624 |

Delivery Content

- 1 x Adhesion Tester
- 20 x aluminium measuring probes Ø20 mm
- 1 x abrasion pad
- 1 x tube of adhesion mass
- 1 x cleaning pads

85.400.000

1

Pull Off Tester automatic


the portable, hand-operated PosiTest Pull-Off Adhesion Tester measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure. The pressure is displayed on a digital LCD and represents the coating's strength of adhesion to the substrate. In accordance with ASTM D4541, D7234, ISO 4624 and others, the PosiTest evaluates the adhesion (pull-off strength) of a coating by determining the greatest tensile pull-off force that it can bear before detaching. Breaking points, demonstrated by fractured surfaces, occur along the weakest plane within the system consisting of the dolly, adhesive, coating layers and substrate.

Technical Specification

| | |
|--------------------------|--|
| Measuring range | 0 ... 20 MPa (0 ... 3000 psi) |
| Resolution | 0,01 MPa (1 psi) |
| Accuracy | ±1 % (full measuring range) |
| Measuring area | The delivery content contains aluminium measuring probes of 20 mm. Probes of a 50 mm diameter can be ordered optionally |
| Devices | The adhesion tester is suitable for nearly all devices. Evenness is required. |
| Data memory | Internal memory for more than 200 measurements (besides the measured results diameter of probes, measurement time and drag force will be measured as well. |
| Interface | RS-232 |
| Software + cable | yes, additional equipment |
| Display | LCD |
| Environmental conditions | 0 ... +50 °C / 0 ... 80 % r.F. |
| Supply | 2 x AAA batteries |
| Dimensions | 40 x 20 x 15 cm |
| Weight | 5,5 kg |
| Standard | ASTM D4541, ISO 4624 |

Delivery Content

- 1 x Adhesion Tester
- 20 x aluminium measuring probes Ø20 mm
- 1 x abrasion pad
- 1 x tube of adhesion mass
- 1 x cleaning pads.

85.400.100

1

Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Accessories Pull Off Tester









| | | | | |
|--|------------|---|--|--|
| Adapter RS 232 to USB connecting PC | 85.400.170 | 1 | | |
| Measure head Ø 20mm, 10 pieces | 85.400.220 | 1 | | |
| Measure head Ø 50mm, 4 pieces | 85.400.250 | 1 | | |
| Set Screed for heavy coatings | 85.400.260 | 1 | | |
| Set for 50mm | 85.400.270 | 1 | | |
| Special glue 2 comp. Glue for measure heads | 85.400.280 | 1 | | |
| Software for pull off tester. For reading, writing data from pull off tester. | 85.400.160 | 1 | | |

7

Injection



| | | | |
|--|-------|-------------------------------------|-------|
| Adhesive Packer | 7 - 1 | Mounting Tool | 7 - 3 |
| Adhesive Packer with pressure hose | 7 - 2 | Pan Head Nipple | 7 - 3 |
| Batter Tool | 7 - 3 | Polymer Packer | 7 - 2 |
| Grease Gun | 7 - 4 | Reciprocating pump | 7 - 4 |
| Grip Coupling | 7 - 3 | Round Head Nipple | 7 - 3 |
| Hose Metal | 7 - 4 | Screed Packer | 7 - 3 |
| Hose Packer | 7 - 1 | Slide Coupling. | 7 - 3 |
| Hose Reinforced | 7 - 4 | Steel Packer | 7 - 1 |

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair | |
|---------------------------|--|---|--|--------------|------------|--------------|------|
| Injector Steel | galvanized steel HK: high pressure round nipple (Standard) HF: high pressure pan nipple NK: low pressure round nipple NF: low pressure round nipple |  | Ø8 x 85 mm | 00.008.085HK | 100 | 500 | 1000 |
| | | | 00.008.085HF | 100 | 500 | 1000 | |
| |  | Ø10 x 85 mm | 00.010.085HK | 100 | 500 | 1000 | |
| | | | 00.010.085NK | 100 | 500 | 1000 | |
| | | | 00.010.085HF | 100 | 500 | 1000 | |
| | | | 00.010.085NF | 100 | 500 | 1000 | |
| |  | Ø10 x 110 mm | 00.010.110HK | 100 | 500 | 1000 | |
| | | | 00.010.110NK | 100 | 500 | 1000 | |
| | | | 00.010.110HF | 100 | 500 | 1000 | |
| | | | 00.010.110NF | 100 | 500 | 1000 | |
| |  | Ø13 x 85 mm | 00.013.085HK | 100 | 500 | 1000 | |
| | | | 00.013.085NK | 100 | 500 | 1000 | |
| |  | Ø13 x 110 mm | 00.013.110HK | 100 | 500 | 1000 | |
| | | | 00.013.110NK | 100 | 500 | 1000 | |
| | | | 00.013.110HF | 100 | 500 | 1000 | |
| 00.013.110NF | | | 100 | 500 | 1000 | | |
| 1-day steel packer | special retaining spring, 38mm remain in construction |  | Ø13 x 120 mm | 00.013.115HK | 100 | 500 | 1000 |
| | | | 00.013.115HF | 100 | 500 | 1000 | |
| Hose Packer | from galvanised steel, with internal Thread M6, HP round head nipple M6, for injection hoses with inside Ø 3.5 - 6mm |  | | 00.040.008 | 100 | 500 | 2 |
| Adhesive Packer | safety groove, adhered Ø 50mm, Height 26 mm |  | HP round head nipple M6 | 00.045.039HK | 100 | 500 | 1000 |
| | | | LP round head nipple M6 | 00.045.039NK | 100 | 500 | 1000 |
| | | | HP pan head nipple M6 | 00.045.039HF | 100 | 500 | 1000 |
| | | | LP pan head nipple M6 | 00.045.039NF | 100 | 500 | 1000 |
| | | | with pressure hose and HP round head nipple M6 | 00.045.049HK | 10 | 100 | 1000 |

Sticking Template



Tool to hold adhesive packer to apply the adhesive (insulating material, e.g. EP adhesive or PUR adhesive) The exactly required amount of adhesive (approx. 6g) is applied on the adhered. Access to the crack is maintained

00.046.010

1

**Adhesive Packer with pressure hose
66 x 41x 3 mm**



for permanent injections with pressure hose

LP round head nipple

00.145.066

1

10

100

Polymer packer Economy



**with LP round head nipple,
8 lamella**

Ø12 x 65 mm

00.112.064

100

500

1000

Polymer packer Standard



**with LP round head nipple,
12 lamella**

Ø12 x 65 mm

00.112.165

100

500

1000

Polymer packer Premium



**with LP round head nipple,
11 lamella**

Ø12 x 65 mm

00.112.065

100

500

1000

Polymer packer Economy



**with LP round head nipple,
4 lamella**

Ø18 x 80 mm

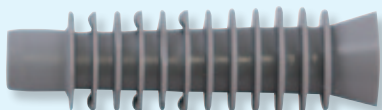
00.118.084

100

500

1000

Polymer packer Standard



**with LP round head nipple,
12 lamella**

Ø18 x 80 mm

00.118.180

100

500

1000

Polymer packer Premium



**with LP round head nipple,
5 lamella**




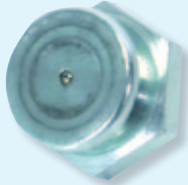
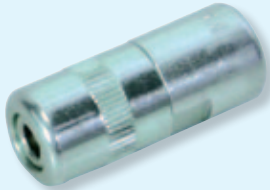

Ø18 x 80 mm

00.118.080

100

500

1000

| Product | Details | RefNr | Sales Unit | € piece/pair | Sales Unit | € piece/pair |
|---|--|------------|------------|--------------|------------|--------------|
| Mounting Tool  | for polymer packer | | | | | |
| | for article 00.112.065 | 00.180.001 | 1 | | | |
| | for article 00.118.080 | 00.180.002 | 1 | | | |
| | for all Economy and Standard polymer packer | 00.180.005 | 1 | | | |
| Screed screw packer  | for injections up to 100 bar with LP round head nipple, due to the short clamping rubber the packer can be clamped right in the screed so the injection material can discharge between the screed and substrate | | | | | |
| | Ø10 x 70 mm | 00.150.107 | 100 | 500 | 1000 | |
| | Ø13 x 70 mm | 00.150.307 | 100 | 500 | 1000 | |
| Round head nipple  | High pressure nipple (Opening pressure 15-20 bar) M6 | 00.300.101 | 100 | 500 | 1000 | |
| | Low pressure nipple (Opening pressure 1,5-3 bar) M6 | 00.300.102 | 100 | 500 | 1000 | |
| | Low pressure nipple (Opening pressure 1,5-3 bar) M8 | 00.308.101 | 100 | 500 | 1000 | |
| | High pressure nipple (Opening pressure 15-20 bar) M8 | 00.308.102 | 100 | 500 | 1000 | |
| | | | | | | |
| Pan head nipple  | Ø16 mm Kopf | | | | | |
| | High pressure nipple (Opening pressure 15-20 bar) M6 | 00.300.201 | 100 | 500 | 1000 | |
| | Low pressure nipple (Opening pressure 2-3 bar) M6 | 00.300.202 | 100 | 500 | 1000 | |
| | Low pressure nipple (Opening pressure 1,5-3 bar) M8 | 00.308.201 | 100 | 500 | 1000 | |
| | High pressure nipple (Opening pressure 15-20 bar) M8 | 00.308.202 | 100 | 500 | 1000 | |
| Slide Coupling  | for round head nipple | 00.400.101 | 1 | 5 | 10 | |
| | | | | | | |
| Slide Coupling  | for Ø16mm head | | | | | |
| | lateral | 00.400.210 | 1 | 10 | 50 | |
| | straight | 00.400.201 | 1 | 10 | 50 | |
| | Replacement Set for Slide Coupling Nr.: 00.400.211 Contains: Gasket, Spring and Metal Ring | 00.400.221 | 1 | 5 | 10 | |

Hose



**external thread M10x1
on both ends**

| | | | | |
|--------------|------------|---|---|----|
| Ø8 x 300 mm | 00.400.501 | 1 | 5 | 10 |
| Ø8 x 500 mm | 00.400.502 | 1 | 5 | 10 |
| Ø8 x 1000 mm | 00.400.510 | 1 | 5 | 10 |
| Ø8 x 2200 mm | 00.400.522 | 1 | 5 | 10 |
| Ø8 x 5300 mm | 00.400.535 | 1 | 5 | 10 |

Nozzle tubes



M10x1 thread, without mouth piece, 140 mm

| | | | | |
|----------|------------|---|--|--|
| bent | 00.410.140 | 1 | | |
| straight | 00.411.140 | 1 | | |

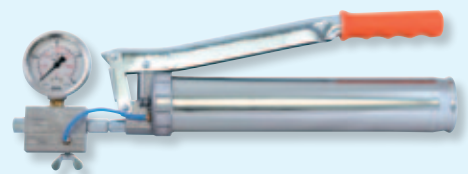
Grease Gun without pressure gauge



**with extra long zinc-plated steel barrel for 1,000 ccm bulk grease
operating pressure 400 bar / 5,800 PSI barrel version
made of zinc-plated steel
Ø 56 mm connection thread M 10 x 1**

| | | | | |
|----------|------------|---|---|----|
| 550 ccm | 00.912.602 | 1 | 5 | 10 |
| 1100 ccm | 00.912.601 | 1 | 5 | 10 |

Grease Gun with pressure gauge



**grease gun for the exact control of the operating pressure in order to protect pressure-sensitive components, bearings and gaskets operating pressure 400 bar / 5,800 PSI barrel version made of zinc-plated steel
Ø 56 mm connection thread M 10 x 1**

| | | | | |
|----------|------------|---|--|--|
| 550 ccm | 00.915.500 | 1 | | |
| 1100 ccm | 00.915.110 | 1 | | |

Reciprocating Pump



**Pressure control with return and pressure gauge unit with manometer 0 - 250 bar,
3 m HP material hose Ø 6 mm, HP ball valve with mouth piece,
2 litre material container**

| | | | | |
|------------|---|--|--|--|
| 00.930.002 | 1 | | | |
|------------|---|--|--|--|

Billing Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

Delivery Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

| POS | Item No. | Item | Unit | Price |
|-----|----------|------|------|-------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |

Billing Address

Delivery Address

Company: _____

Company: _____

City: _____

City: _____

Street: _____

Street: _____

Phone: _____

Phone: _____

Name: _____

Name: _____

Date: _____

Date: _____

| POS | Item No. | Item | Unit | Price |
|-----|----------|------|------|-------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
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| 14 | | | | |
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Billing Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

Delivery Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

| POS | Item No. | Item | Unit | Price |
|-----|----------|------|------|-------|
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Terms of Sale and Delivery

I. Conclusion and subject of the contract

For our deliveries and other legal transactions, the terms and detailed below shall apply exclusively. Any other verbal and telegraphic arrangements, amendments, promises and collateral agreements shall be invalid unless by us in writing.

Purchase and payment terms stipulated by the Buyer shall not be accepted by us. The Buyer shall accept our Terms of Sale and Delivery even if they deviate from his usual purchase and payment terms.

Any objections raised to order confirmations must be submitted in writing without delay, at the latest within one week.

The legal inefficacy of individual provisions shall not render the entire contract invalid.

II. Offers

All offers made shall be without engagement unless expressly stated to the contrary, in which case they shall be binding for one month only calculated from the date of the offer, unless another period is specifically indicated.

Obvious errors, spelling mistakes and miscalculations shall be without commitment on our part. All particulars, such as dimensions, weights, illustrations, descriptions, assembly drawings and illustrations in sample catalogues, price lists and other reference materials shall be approximate only but determined as closely as possible, and shall not be binding on our part.

III. Prices

All prices are quoted ex works excluding Value Added Tax. Confirmed prices shall apply only if the confirmed quantities are bought. In the event of price increases occurring between the date of the order confirmation and the supply of the goods, we shall be entitled to adjust the prices accordingly.

IV. Delivery

Delivery shall be for account and risk of the Buyer, even if carriage-free delivery has been agreed. If free delivery has been agreed, the risk shall pass to the Buyer as soon as the vehicle arrives at ground level at the forwarding address, or at the point nearest to this address that can be reasonably reached by the vehicle. Selection of the transport route and means of the transport shall rest with us. Partial deliveries shall be admissible and shall be considered as independent deliveries. If the Buyer does not accept the goods in time, or if he fails to observe the call dates, we shall be entitled to effect the deliveries due, either in full or in part, or to put the goods into storage and invoice as delivered, to rescind, either in full or in part, or finally to demand compensation on the grounds of nonfulfillment. Disruptions caused by fire, strikes, lockouts, shut-downs, official measures, lacking supplies and force majeure which may prevent or impair the deliveries, shall entitle us, at our option, to rescind, either in full or in part or to postpone the deliveries accordingly without being liable for damages. Non-observance of delivery times does not release the Buyer from his obligation to accept the goods. For any damages due to a delay in at cost price. Returning packaging material shall be accepted and refunded only if specifically agreed upon. Insurance covering damage in transit, loss in transit and breakage shall only be taken out if expressly requested by the Buyer and shall be charged to him.

V. Warranty

Any claims on the scope, amount, weight, dimensions, and kind of the goods must be made immediately but no later than three days after arrival of and prior to use of the goods. Claims concerning partial deliveries shall not entitle the Buyer to refuse acceptance of the entire delivery.

Notifications of defects must be made in detail and in writing and must be received by us within seven days of arrival of the goods. Claims in respect of hidden defects must be made immediately on discovery of the defect, at the latest, however, within two months after receipt of goods. If defective goods have been delivered, we shall be entitled, at our option, to reduce the price, make good the defect or supply faultless replacement. We shall be entitled to supply replacement even if this cannot be effected immediately. Any replacement shall be supplied at the earliest possible date. Any further claims by the Buyer on whatever legal grounds, especially with regard to redhibition and indemnification, shall be excluded.

We shall be under no obligations to acquire replacements from other sources.

No warranty whatsoever shall apply of the processing or use of the goods has already been commenced, or if the Buyer himself or any third party has carried out, or tried to carry out, repairs of our goods. The same shall apply to any goods which have been sold by the Buyer either before or after claims have been made. In the case of manufacturing defects our warranty shall be limited to the warranty given by our suppliers.

By negotiating a claim we shall not be considered as waiving our objections to the existence of a defect, to the obligations for the supply of replacement, or to the time limit and sufficiency of the claim.

VI. Return of goods

Goods delivered by us shall only be taken if agreement to this effect has been made and shall be returned in immaculate condition, carriage paid. Credits for returned goods shall be subject to a 10% deduction for costs incurred. Returns to specially made goods, or goods procured at the specific request of the customer, shall be excluded. For returned goods with a net value less than EUR 50.-, no credit-notes will be made.

VII. Payment

Unless agreed otherwise, our deliveries shall be paid for at once, at the latest 30 days after date of the invoice. All payments shall be made free of charge for us. Payments effected within 10 days of receipt of invoice shall be subject to a discount of 2 per cent, provided, however, all financial commitments have been met in full, including those for earlier deliveries. The discount shall be calculated based on the net invoice amount, after deduction of rebates, freight charges etc. Once payment of an invoice has become due i.e. at the latest 30 days from the invoice date, interest will be charged at a rate of 3 per cent above the base rate of the European Centralbank, not excluding the right to make further claims for default. The day of receipt of any payment shall be the day on which our account has been credited with the respective amount. Bills of exchange and cheques shall only be accepted subject to being honoured. Acceptance of bills of exchange shall be as security only, and shall not be considered as respite for payment. If our bankers decline to discount a bill of exchange, then payment in cash must be made immediately. Discounting and collecting charges shall be for Buyer's account. Liability for payment shall persist even if the Buyer has submitted claims, in particular in respect of defects. The warranty detailed under Paragraph V shall be given on the understanding that the Buyer has effected the payments due. The right to make setoffs and claiming a lien on goods shall be excluded.

VIII. Retention of Title

All goods supplied by us under a delivery contract shall remain our property until payment in full has been made, or until cheques or bills of exchange have been honoured. In the case of a current account the retention of title shall be considered as security for our claim of the balance. The Buyer shall be entitled to legally sell the goods supplied and the goods manufactured from these. He shall be obliged to impose our condition of retention of title on his customers. Without our written consent the Buyer shall not be entitled to assign, pledge or transfer the title as security. When selling the goods supplied by us, the Buyer shall assign at that moment all claims against his customers, including ancillary rights and securities out of sale until all payments to us have been made in full, and this assignment shall be accepted by us.

If the goods are taken back on the basis of our retention of title or any other reason, the Buyer shall be obliged to return the goods to us free of charge and shall be liable for any undervalue. We shall be entitled to collect the goods when enforcing our right or retention of title.

IX. Place of performance and place of jurisdiction

Place of performance for deliveries shall be the place of the goods. Place of performance for all obligations on the Buyer's part shall be the location of our firm. Place of jurisdiction shall be the court competent for the location of our firm. This shall also apply to claims being filed by judgement note. The law of the Federal Republic of Germany shall apply. The provisions of the Hague Convention of 1964 on purchases and purchase contracts shall be excluded.

X. Validity

If one instruction will be invalid, the validity of the other instructions won't be touched herefrom.

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