

# Professional tools for floor coating





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Multitool is located in Schwetzingen, approx. 100 kilometer south of Frankfurt. We maintain more than 98% of products in stock in our warehouse.



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for floor coatings**

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# 1

## Floor coating



## 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

vbl = visible bristle length

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
<b>Vestan</b>	Polyester knitted								xxx	xxx	xxx
<b>Acryl</b>	Synthetic spinning fibre, cheap alternative to polyamid fibres	x	x	x					xx	xx	xx
<b>Nylon</b>	Polyamid yarn textured (curled) filament yarn					xxx	xxx	x		xx	xx
<b>Gold Stripe</b>	Polyamid yarn spinned	xxx	xxx	xxx				xxx			
<b>Polyester</b>	Polyester yarn woven	xx	xx	xx		x	x		xx	xx	xx
<b>Mohair</b>	Goat hair					xxx	xxx		xxx	xxx	xxx
<b>Velour</b>	Shorn lamb hair					xxx	xxx		xxx	xxx	xxx
<b>Lamb Skin</b>	Lamb Skin	xxx	xxx	xxx							
<b>Micro Fibres</b>	Polyester filament yarn			xxx	xxx	xx	xx	xxx			xx
<b>Mcro Fibres Mix</b>	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
<b>Radiator Brush Economy Quality</b>  	<b>light PBT/natural bristle mix, for cleaning purposes, approx. 60% tops</b>					
	1" ferrule thickness approx. 9 mm, vbl 40 mm	011.010	12		360	
	1,5" ferrule thickness approx. 10 mm, vbl 45 mm	011.015	12		300	
	2" ferrule thickness approx. 11 mm, vbl 50 mm	011.020	12		240	
	2,5" ferrule thickness approx. 12 mm, vbl 50 mm	011.025	12		180	
	3" ferrule thickness approx. 12 mm, vbl 60 mm	011.030	12		120	
<b>Radiator Brush Good Economy Quality</b>  	<b>grey PBT/natural bristle mix, approx. 70-80% tops</b>					
	1" ferrule thickness approx. 9 mm, vbl 45 mm	011.110	12		360	
	1,5" ferrule thickness approx. 10 mm, vbl 45 mm	011.115	12		300	
	2" ferrule thickness approx. 11 mm, vbl 50 mm	011.120	12		240	
	2,5" ferrule thickness approx. 12 mm, vbl 51 mm	011.125	12		180	
	3" ferrule thickness approx. 12 mm, vbl 56 mm	011.130	12		120	
<b>Radiator Brush Master Quality</b>  	<b>black PBT/natural bristle mix, approx. 70-80% tops</b>					
	1" ferrule thickness approx. 9 mm, vbl 45 mm	012.010	12		360	
	1,5" ferrule thickness approx. 10 mm, vbl 44 mm	012.015	12		300	
	2" ferrule thickness approx. 11 mm, vbl 50 mm	012.020	12		240	
	2,5" ferrule thickness approx. 12 mm, vbl 52 mm	012.025	12		180	
	3" ferrule thickness approx. 12 mm, vbl 58 mm	012.030	12		120	
<b>Radiator Brush German Standard</b>  	<b>light bristle mix PET/ PBT, 80% tops, wooden handle, bristles glued with epoxy resin (Made in Germany)</b>					
	1" ferrule thickness approx. 8 mm, vbl 43 mm	012.110	12		120	
	1,5" ferrule thickness approx. 8 mm, vbl 43 mm	012.115	12		120	
	2" ferrule thickness approx. 8 mm, vbl 48 mm	012.120	12		120	
	2,5" ferrule thickness ca. 8 mm dick, vbl 48 mm	012.125	12		120	
	3" ferrule thickness approx. 8 mm, vbl 48 mm	012.130	12		120	

Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Radiator Brush Top Quality</b> 	<b>light bristle mix PET/ PBT, 80% tops, wooden handle, bristles glued with epoxy resin (Made in Germany)</b>					
	1" ferrule thickness approx. 8 mm, vbl 45 mm	012.210	12		120	
	1,5" ferrule thickness approx. 8 mm, vbl 50 mm	012.215	12		120	
	2" ferrule thickness approx. 9 mm, vbl 56 mm	012.220	12		120	
	2,5" ferrule thickness approx. 10 mm, vbl 60 mm	012.225	12		120	
	3" ferrule thickness approx. 10 mm, vbl 62 mm	012.230	12		120	
<b>Radiator Brush Professional</b> 	<b>black PBT/natural bristle mix, 90% tops, wooden handle, our best quality, bristles glued with epoxy resin (Made in Germany)</b>					
	1" ferrule thickness approx. 9 mm, vbl 43 mm	012.310	12		120	
	1,5" ferrule thickness approx. 9 mm, vbl 50 mm	012.315	12		120	
	2,0" ferrule thickness approx. 9 mm, vbl 56 mm	012.320	12		120	
	2,5" ferrule thickness approx. 9 mm, vbl 56 mm	012.325	12		120	
	3" ferrule thickness approx. 9 mm, vbl 62 mm	012.330	12		120	
<b>Facade Brush Master Quality</b> 	<b>12th grade, light PBT/natural bristle mix, long handle, approx. 90% tops</b>					
	2" vbl 56 mm	012.620	1		12	
	3" vbl 65 mm	012.630	1		12	
<b>Facade Brush Top Quality</b> 	<b>12th grade, light PBT/natural bristle mix, short handle, 90% tops, 3 x boiled bristle, short wood handle</b>					
	3" vbl 68 mm	012.830	1		12	
<b>Linedrawer</b> 	<b>angled, black PET/PBT/natural bristle mix, 80% tops</b>					
	10 mm	013.010	12		120	
	15 mm	013.015	12		120	
	20 mm	013.020	12		120	
	25 mm	013.025	12		120	





Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Ceiling Brush</b> 	<b>special Silverpren filling, punched in bundles, plastic handle with thread and bucket hook, solvent resistant, vbl 70 mm</b> 18 x 8 cm	014.020	6		12	
<b>Ceiling Brush Economy</b> 	<b>synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, vbl 70 mm</b> 17 x 7 cm	014.030	6		12	
<b>Tar Brush</b> 	<b>heat resistant bristles, vbl 65 mm</b> 17 x 7 cm	014.040	1		12	
<b>Tar scrubber</b> 	<b>white, heat resistant bristles</b> 6,8 x 22,5 cm	014.042	1			
<b>Floor Painting Brush</b> 	<b>pure china bristles, vulcanized, with handle bracket, vbl 60 mm</b> 21 x 3 cm 30 x 3 cm	014.052 014.053	1 1			





Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Wall Brush Economy</b> 	<b>light china bristles, plastic handle with thread and bucket hook, vbl 45 mm</b>					
	3 x 7 cm	014.048	12		120	
	3 x 10 cm	014.049	6		60	
	3 x 12 cm	014.050	6		60	
	4 x 14 cm	014.051	6		60	
<b>Flat Brush 1st grade</b> 	<b>Economy quality, light PET/PBT/natural bristle mix, unvarnished wooden handle, approx. 70% tops</b>					
	25 mm vbl 38 mm	015.210	12		120	
	35 mm vbl 41 mm	015.215	12		120	
	50 mm vbl 43 mm	015.220	12		120	
	60 mm vbl 47 mm	015.225	12		120	
	70 mm vbl 48 mm	015.230	12		120	
	80 mm vbl 55 mm	015.240	12		120	
<b>Flat Brush Economy 6th grade</b> 	<b>light PBT/natural bristle mix, yellow plastic handle, approx. 70% tops</b>					
	25 mm vbl 45 mm	015.510	12		120	
	35 mm vbl 45 mm	015.515	12		120	
	50 mm vbl 45 mm	015.520	12		120	
	60 mm vbl 45 mm	015.525	12		120	
	015.530	12		120		
<b>Flat Brush Master Quality 9th grade</b> 	<b>light PBT/natural bristle mix, wooden handle, approx. 70-80% tops</b>					
	25 mm vbl 40 mm	015.010	12		120	
	35 mm vbl 45 mm	015.015	12		120	
	50 mm vbl 51 mm	015.020	12		120	
	60 mm vbl 51 mm	015.025	12		120	
	70 mm vbl 51 mm	015.030	12		120	
	100 mm vbl 60 mm	015.040	6		120	



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Flat Brush Master Quality 6th grade</b> 	<b>PBT bristle, for water based products, plastic handle</b>					
	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 52 mm					
	50 mm	016.550	12		120	
	vbl 52 mm					
	60 mm	016.560	12		120	
	vbl 58 mm					
	70 mm	016.570	12		120	
vbl 60 mm						
100 mm	016.599	12		60		
vbl 50 mm						
<b>Round Brush Economy</b> 	<b>light chinese bristles,short, white rope, 60% tops</b>					
	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	6		120		
Ø 45 mm, vbl 40 mm						
<b>Round Brush Master Quality</b> 	<b>black PBT/natural bristle mix, approx. 90% tops</b>					
	Size 2	018.002	12		120	
	Ø 20 mm, vbl 60 mm					
	Size 4	018.004	12		120	
	Ø 25 mm, vbl 65 mm					
	Size 6	018.006	12		120	
	Ø 30 mm, vbl 70 mm					
	Size 8	018.008	12		120	
	Ø 35 mm, vbl 75 mm					
	Size 10	018.010	12		120	
Ø 40 mm, vbl 80 mm						
Size 12	018.012	6		60		
Ø 45 mm, vbl 85 mm						
<b>Enamel Brush</b> 	<b>light chinese bristles</b>					
	Size 1	017.101	12		144	
	Ø 12 mm, vbl 28 mm					
Size 2	017.102	12		144		
Ø 14 mm, vbl 28 mm						
<b>Paste Brush</b> 	<b>light, short, hard natural bristle, tinplate ferrule, short wooden handle</b>					
	50 mm vbl 20 mm	015.850	12		120	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Pastebrush</b> 	<b>white, strong synthetic bristle, plastic handle</b>					
	30 mm	019.330	3			
<b>Joint Primer Brush</b> 	<b>PE bottle with mounted brush</b>					
	250 ml 500 ml	017.925 017.950	1 1			
<b>Dusting Brush</b> 	<b>pure light china bristles, in row vulcanized, unvarnished wooden handle, vbl 57 mm</b>					
	17 cm	014.055	3		12	
<b>Paper Hanging Brush</b> 	<b>synthetic bristle, punched in bundles, unvarnished wooden handle, handle with hole, vbl 50 mm</b>					
	30 x 2,5 cm	020.030	3			
<b>Wallpaper Trowel</b> 	<b>made of plastic</b>					
	trapezoidal, round edges	19.410.023	3			
<b>Wallpaper Roller</b> 	<b>conical form, smooth surface, with plastic handle, 3,3 auf 3,8 cm</b>	19.420.035	3			
	<b>barrel form, ripped surface, with plastic handle, 4,5 cm width</b>	19.420.045	3			
<b>Wallpaper Roller</b> 	<b>plastic handle</b>					
	<b>very soft rubber</b>					
	4 cm	19.401.005	3			
14,5 cm	19.401.015	3				
<b>medium soft rubber</b>						
4 cm	19.491.005	3				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Vestan DIY</b> Pile 18 mm 	<b>pile weight approx. 715 g/m<sup>2</sup>,                      incl. handle Ø 6 mm,                      core Ø 42 mm</b>	18 cm	10.918.018	25		
		25 cm	10.925.018	25		
<b>Vestan Primer Roller</b> Pile 18 mm 	<b>pile weight approx. 1300 g/m<sup>2</sup>,                      core Ø 48 mm</b>	18 cm	10.018.001	10	100	
		25 cm	10.000.001	10	100	
		40 cm	10.040.001	1	10	
		50 cm	10.050.001	1	10	
<b>Vestan Primer Roller</b> Pile 18 mm 	<b>pile weight approx. 1400 g/m<sup>2</sup>, padded 4 mm,                      core Ø 48 mm</b>	18 cm	10.018.002	10	100	
		25 cm	10.000.002	10	100	
<b>Acryl Universal Roller</b> Pile 18 mm 	<b>for primer and sealant, green,                      core Ø 48 mm</b>	25 cm	10.900.001	10	100	
		Radiator Roller, core Ø 17 mm pile height 12 mm 10 cm	15.910.012	100	100	

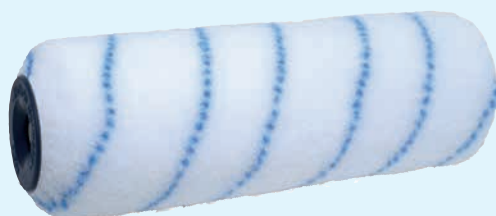
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Nylon Top Coat Roller Economy</b> <b>Pile 5 mm</b> 	<b>with red/red thread, for sealing of smooth surfaces, solvent resistant, core Ø 48 mm</b>					
	25 cm	10.101.005	10		100	
	50 cm	10.151.005	1		100	
	Radiator roller core Ø 17 mm 10 cm	15.111.005	10		100	
<b>Nylon Top Coat Roller Premium</b> <b>Pile 6 mm</b> 	<b>with blue/yellow thread, for sealing of smooth surfaces, fuzz-free, solvent resistant, core Ø 48 mm</b>					
	12 cm	10.112.006	10		100	
	18 cm	10.118.006	10		100	
	25 cm	10.100.006	10		100	
	40 cm	10.140.006	1		10	
	50 cm	10.150.006	1		10	
	Radiator roller core Ø 17 mm 5 cm	15.105.006	20		100	
	10 cm	15.110.006	10		100	
	15 cm	15.150.006	10		100	
	Midi roller core Ø 30 mm 12,5 cm	15.125.006	10		100	
Core Ø 55 mm for fast application of sealer with reduced splashing 50 cm	10.155.006	1		10		
<b>Nylon Top Coat Roller Premium</b> <b>Pile 8 mm</b> 	<b>with blue/blue thread, for sealing of smooth surfaces, fuzz-free, solvent resistant, core Ø 48 mm</b>					
	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 core Ø 17 mm 5 cm	15.105.008	20		100	
10 cm	15.110.008	10		100		
15 cm	15.150.008	10		100		
Core Ø 55 mm for fast application of sealer with reduced splashing 50 cm	10.155.008	1		10		
<b>Nylon Top Coat Roller Economy</b> <b>Pile 8 mm</b> 	<b>with black/green thread, for sealing of smooth surfaces, solvent resistant, core Ø 48 mm</b>					
	25 cm	10.101.008	10		100	
50 cm	10.151.008	1		10		

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

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

**for sealing of smooth and slightly rough surfaces, fuzz-free, solvent resistant, core Ø 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
<b>Radiator roller, core Ø 17 mm</b>			
10 cm	15.110.012	10	100
15 cm	15.150.012	10	100
<b>Midi roller core Ø 30 mm</b>			
10,0 cm	15.125.012	10	100
<b>Core Ø 55 mm for fast application of sealer with reduced splashing</b>			
50 cm	10.155.012	1	10





**Nylon Top Coat Roller Premium  
Pile 14 mm**

**with blue thread, for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant, core Ø 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
<b>Radiator roller core Ø 17mm</b>			
5 cm	15.105.014	20	100
10 cm	15.110.114	10	100
15 cm	15.150.014	10	100
<b>Midi roller core Ø 30 mm</b>			
10 cm	15.125.014	10	100
<b>Core Ø 55 mm for fast application of sealer with reduced splashing</b>			
50 cm	10.155.014	1	10

**Nylon Top Coat Roller Economy  
Pile 14 mm**

**with red thread, for sealing of smooth and rough (sanded) surfaces, solvent resistant, core Ø 48 mm**

18 cm	10.119.014	10	100
25 cm	10.101.014	10	100
50 cm	10.151.014	1	10
<b>Radiator roller core Ø 17 mm</b>			
10 cm	15.110.014	10	100

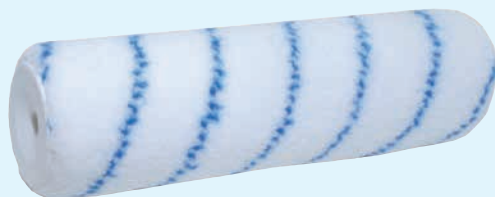
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Nylon Top Coat Roller Premium</b> <b>Pile 18 mm</b> 	<b>with blue thread, for sealing of smooth and rough(sanded) surfaces, fuzz-free, solvent resistant, core Ø 48 mm</b>					
	18 cm	10.118.018	10		100	
	25 cm	10.100.018	10		100	
	40 cm	10.140.018	1		10	
	50 cm	10.150.018	1		10	
	Core Ø 55 mm for fast application of sealer with reduced splashing					
	50 cm	10.155.018	1		10	
<b>Nylon Top Coat Roller Economy</b> <b>Pile 18 mm</b> 	<b>for sealing of smooth and rough(sanded) surfaces, solvent resistant core Ø 48 mm</b>					
	18 cm	10.119.018	10		100	
	25 cm	10.101.018	10		100	
<b>Polyamide Top Coat Roller Premium</b> 	<b>particularily suitable for water based products, for sealing of smooth and rough(sanded) surfaces, core Ø 48 mm</b>					
	Pile 13 mm					
	18 cm	10.218.013	3		10	
	25 cm	10.200.013	3		10	
	50 cm	10.250.013	1		10	
	Radiator roller core Ø 17 mm					
	10 cm	15.310.013	10		100	
	15 cm	15.315.013	10		100	
	Midi roller core Ø 30 mm					
	10 cm	15.312.013	10		100	
Pile 18 mm						
18 cm	10.218.018	3		10		
25 cm	10.200.018	3		10		
<b>Polyamide Top Coat Roller Premium</b> <b>Pile 18 mm</b> 	<b>recommended for water based products, for sealing of smooth and rough(sanded) surfaces, core Ø 48 mm</b>					
	18 cm	10.218.002	3		10	
	25 cm	10.200.002	3		10	



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

**Polyamide Premium Plus Facade Roller**
**for slightly uneven and smooth surfaces, recommended for dispersion- latex- and silicat paints, high performance per m<sup>2</sup> due to high color absorption and application, high-performance fibre made of 100% polyamide thread, woven, tips roughed, solvent resistant, no lint or stripplle, high durability, core Ø 48 mm**


Pile 13 mm 25 cm	10.225.013	3	10
Radiator roller core Ø 17 mm 10 cm	15.210.013	3	10
Pile 21 mm 25 cm	10.225.121	3	10
Pile 21 mm, padded 4 mm 25 cm	10.225.421	3	10
Pile 21 mm, padded 8 mm 25 cm	10.225.821	3	10

**Polyester Paint Roller  
Pile 11 mm**
**weaved pile, especially suitable for low viscosity products, core Ø 48 mm**


Pile 11 mm 25 cm	10.825.011	3	10
Radiator roller core Ø 17 mm 10 cm	15.818.010	10	100
Pile 18 mm 18 cm	10.818.018	3	10
25 cm	10.825.018	3	10
Pile 18 mm, padded 8 mm 18 cm	10.848.018	3	10
25 cm	10.845.018	3	10

**Mohair Roller  
Pile 5 mm**
**for high quality painting, pure goat hair, core Ø 48 mm**


18 cm	10.318.001	3	10
25 cm	10.300.001	3	10
Radiator roller core Ø 17 mm 10 cm	15.410.005	10	100
15 cm	15.415.005	10	100

**Velour Roller  
Pile 5 mm**
**wool roller 100%, core Ø 48 mm**


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
Radiator roller core Ø 17 mm 10 cm	15.510.005	10	100
15 cm	15.515.005	10	100

**Microfibre Roller Premium**

especially suitable for low viscosity products, fuzz- and fluff free, special treated, high-performance microfibre, both ends chamfered, core Ø 48 mm

**Pile 6 mm**

18 cm	10.618.006	3	10
25 cm	10.625.006	3	10

Radiator roller core Ø 17 mm  
10 cm

15.610.006	10	100
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**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 core Ø 17 mm  
10 cm  
15 cm

15.610.008	10	100
15.615.008	10	100

**Pile 11 mm**

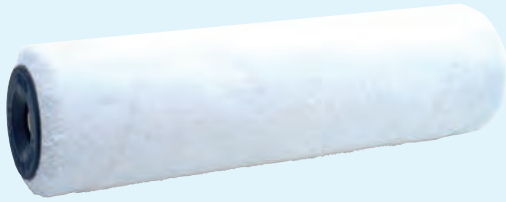
18 cm	10.618.011	3	10
25 cm	10.625.011	3	10
40 cm	10.640.011	1	10
50 cm	10.650.011	1	10
60 cm	10.660.011	1	10
70 cm	10.670.011	1	10

Radiator roller core Ø 17 mm  
10 cm

15.610.011	10	100
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**Pile 15 mm**

25 cm	10.625.015	3	10
50 cm	10.650.015	1	10


**Microfibre Roller Economy**

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

**Pile 10 mm**

25 cm	10.625.110	3	10
50 cm	10.650.110	1	10

Radiator roller core Ø 17 mm  
10 cm

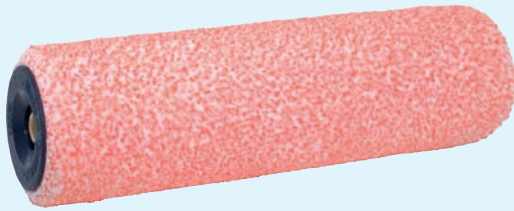
15.660.110	10	100
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**Pile 13 mm**

25 cm	10.625.113	3	10
50 cm	10.650.113	1	10



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

**Microfibre-Mix Roller Premium**
**recommended for low viscosity water based products, fuzz- and fluff free, achieves a very smooth surface, both ends chamfered, core Ø 48 mm**

**Pile 6 mm**

18 cm	10.668.006	3	10
25 cm	10.665.006	3	10
40 cm	10.664.006	1	10
50 cm	10.669.006	1	10
60 cm	10.666.006	1	10

**Radiator roller core Ø 17 mm**

5 cm	15.660.506	20	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
40 cm	10.664.010	1	10
50 cm	10.669.010	1	10
60 cm	10.666.010	1	10

**Radiator roller core Ø 17 mm**

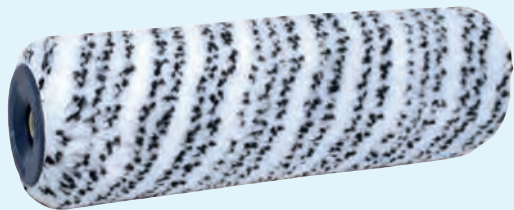
5 cm	15.660.510	20	100
10 cm	15.660.010	10	100
15 cm	15.666.010	10	100

**Pile 16 mm**

18 cm	10.668.016	3	10
25 cm	10.665.016	3	10
40 cm	10.664.016	1	10
50 cm	10.669.016	1	10
60 cm	10.666.016	1	10

**Radiator roller core Ø 17 mm**

10 cm	15.660.016	10	100
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**Polyamide Special Roller Premium**
**recommended for 2 comp. resins or water based products, fuzz- and fluff free, both ends chamfered, core Ø 48 mm**

**Pile 11 mm**

25 cm	10.685.011	3	10
40 cm	10.684.011	1	10

**Radiator roller core Ø 17 mm**

10 cm	15.680.011	10	100
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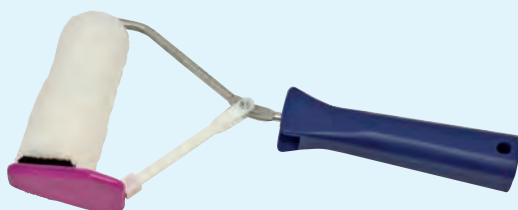
**Pile 18 mm**

25 cm	10.685.018	3	10
40 cm	10.684.018	1	10

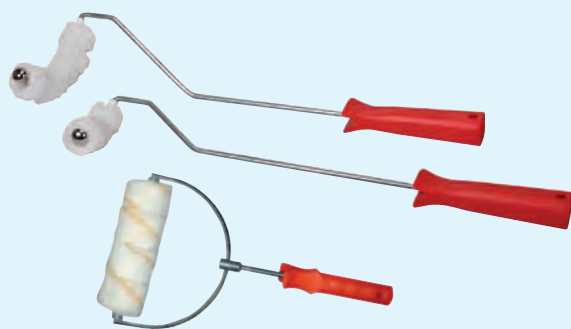
Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
<b>Foam Roller fine</b> 	<b>grey, very fine porosity, core Ø 48 mm</b>						
	chamfered one side 25 cm	10.500.001	1		10		
	chamfered both sides 25 cm	10.500.011	1		10		
	50 cm	10.550.001	1		10		
	radiator roller core Ø 17 mm, straight ends 5 cm	15.606.001	10		100		
	10 cm	15.601.101	10		100		
	chamfered both sides 10 cm	15.601.101R	10		100		
	chamfered one side 10 cm	15.601.101ER	10		100		
	both sides with milled groove 10 cm	15.601.110	10		100		
	<b>Foam Roller medium</b> 	<b>yellow, medium coarse porosity, core Ø 48 mm</b>					
		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		
<b>Foam Roller coarse</b> 	<b>yellow, coarse porosity, core Ø 48 mm</b>						
	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		
	Radiator roller, straight ends, core Ø 17 mm 10 cm	15.510.003	10		100		
<b>Burnt Coarse Foam Roller</b> 	<b>yellow, coarse porosity, core Ø 48 mm</b>						
	chamfered one side 25 cm	10.700.001	1		10		
	chamfered both sides 50 cm	10.750.001	1		10		
	Radiator roller, straight ends, core Ø 17 mm 10 cm	15.710.001	10		100		







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

**Linomat Patent Roller S 100**

**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**

for pipes with Ø 60 mm	15.700.060	1	
replacement roller Ø 60 mm	15.710.060	1	
for pipes with Ø 100 mm	15.700.100	1	
replacement roller Ø 100 mm	15.710.100	1	
pipes with Ø 200 mm	10.785.025	1	
replacement roller Ø 200 mm	10.785.225	1	

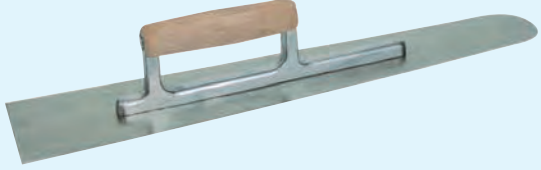


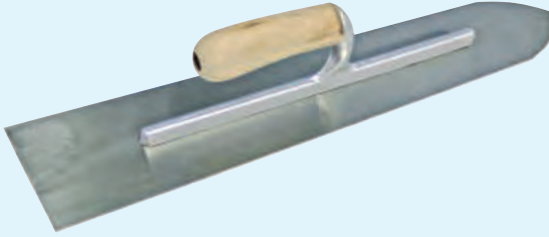
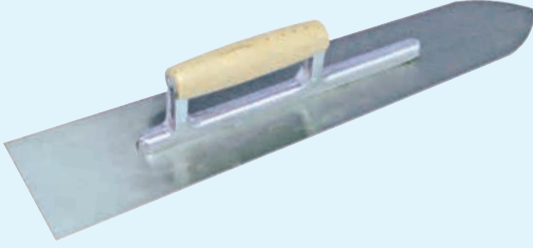
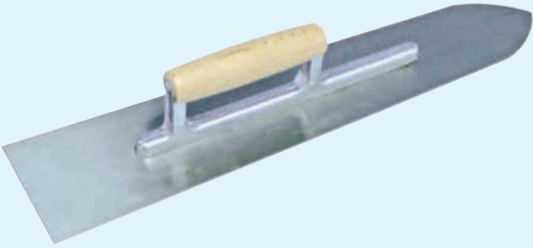
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Roller Handle Economy</b> 	<b>fits rollers up to</b>					
	32-50 cm	15.900.040	1			
<b>Roller Handle Professional</b> 	<b>fits roller up to 40-60 cm</b>					
	side length 7 cm	15.900.050	1			
	side length 34 cm	15.934.050	1			
<b>Roller Handle XL</b> 	<b>fits roller</b>					
	50 cm	15.900.250	1			
	70 cm	15.900.070	1			
	100 cm	15.900.100	1			
<b>Roller Handle Ø 8 mm</b> 	<b>fits roller</b>					
	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	
<b>Radiator Roller Handle Ø 6 mm</b> 	<b>for 10 and 15 cm wide radiator roller</b>					
	handle length 28 cm	15.910.028	5		20	
	40 cm	15.910.040	5		20	
	55 cm	15.910.055	5		20	
<b>Radiator Roller Handle Ø 6 mm</b> 	<b>for 5 cm wide radiator roller</b>					
	handle length 15 cm	15.910.005	5		20	








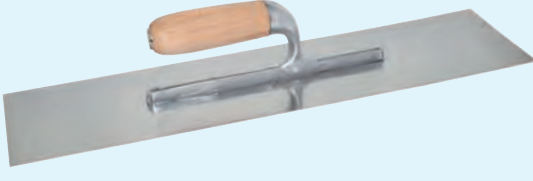
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Grid</b> 	Plastic					
	18 x 21 cm	10.900.210	10			
	27 x 29 cm	10.900.290	10			
	Metal					
	11 x 22 cm	10.911.020	10			
	26 x 30 cm	10.900.300	10			
<b>Roller Squeezer</b> 	<b>Removes excess resin from application rollers</b>	10.908.010	1			
<b>Lacquer Can Opener</b> 	<b>Lacquer Can Opener</b>	10.909.135	1			
	120 mm					
<b>Extending/Telescopic Bar</b> 	<b>aluminium</b>					
	2 x 1,00 m	30.300.200	3			
	2 x 1,50 m	30.300.300	3			
<b>Paint Tray</b> 	<b>plastic PP, solvent resistant, stackable</b>					
	inner (outer)					
	13,5 x 28 (17 x 32) cm	10.910.329	10			
	30 x 31 (32 x 36) cm	10.910.350	10			
	30 x 47 (37 x 52) cm	10.910.470	10			
<b>Paint Bucket</b> 	<b>made of polypropylene, with metal handle</b>					
	12 litre					
	inner (outer)					
	33 x 23 x 20 (35,5 x 25,5 x 21) cm	10.920.012	5			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Bucket oval</b> 	<b>made of polypropylene, with metal handle</b>					
	5,5 L	10.940.055	5		20	
	Lid	10.940.056	5		20	
	12,5 L	10.940.125	5		20	
	Lid	10.940.126	5		20	
	18,8 L	10.940.188	5		20	
	Lid	10.940.189	5		20	
<b>Round Bowl</b> 	<b>made of polypropylene</b>					
	Ø 28 cm, height 9,5 cm	99.290.028	10			
<b>Stirring staff</b> 	wood					
	26 cm (Set of 10 pcs)	00.039.026	1			
	45 cm	00.039.045	3			
	plastic					
	28 cm (set with 3 piece)	00.039.040	1			
<b>Measuring Cup</b> 	<b>open handle, stackable</b>					
	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	
	<b>closed handle</b>					
	5 L	40.600.005	1		2	
<b>Mixing cup</b> 	<b>Plastic, incl. black measuring scale</b>					
	300 ml	40.660.030	10		50	
	Lid	40.661.030	10		50	
	1100 ml	40.660.110	10		50	
	Lid	40.661.110	10		50	
	1900 ml	40.660.190	10		50	
	Lid	40.661.190	10		50	
<b>Funnel</b> 	<b>Plastic</b>					
	Ø 150 mm (without sieve)	40.550.015	1			
	Ø 200 mm (with sieve)	40.550.020	1			



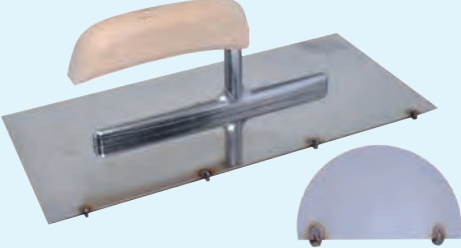
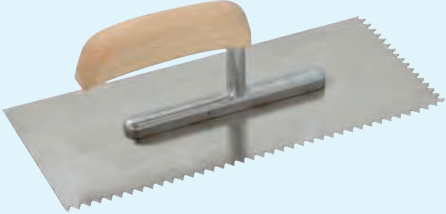


Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Scissor</b> 	<b>stainless</b> 11"	30.206.011	1			
<b>Scissor with micro teeth</b> 	particularly suitable for fiberglass, total length 10" / 260 mm, weight approx. 330 gr 10"	30.207.011	1			
<b>Cutter Knife</b> 	<b>pistol handle, with snap-off blade</b> blade width 18 mm	40.000.000	12	48		
<b>Cutter Knife with metal guideline</b> 	<b>with snap-off blade</b> blade width 18 mm	40.000.400	12			
<b>Cutter Knife with metal guideline and lock wheel</b> 	<b>with snap-off blade</b> blade width 18 mm	40.000.200	12			
<b>Replacement Blade</b> 	<b>blade width 18 mm</b> 10 blades per box (price per box)	40.000.001	1			
<b>Automatic Knife</b> 	<b>incl. 10 trapezoidal knives, blade change trough button, automatic blade transport</b> Trapezoidal blades for automatic knife Magazine with 10 pieces (price per magazine)	40.000.010 40.000.011	1 1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Belgium Floor Trowel</b> 	<b>stainless, blade thickness 1,1 mm, unvarnished handle, 80/100 mm</b>					
	30 cm	20.903.030	1			
	45 cm	20.903.050	1			
<b>Belgium Floor Trowel</b> 	<b>stainless, with smoothing trowel handle, blade thickness 0,75 mm</b>					
	30 cm	20.903.130	1			
<b>Swedish Floor Trowel</b> 	<b>carbon steel, short bar for more flexibility, blade thickness 0,75 mm, 80/120 mm</b>					
	50 cm	20.902.150	1			
	60 cm	20.902.160	1			
<b>Screed Trowel open handle</b> 	<b>stainless, unvarnished handle, long bar, 80/110 mm</b>					
	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				
<b>Screed Trowel closed handle</b> 	<b>stainless, unvarnished handle, long bar, 75/110 mm</b>					
	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				
<b>Screed Trowel closed handle</b> 	<b>carbon steel, unvarnished handle, long bar, 75/110 mm</b>					
	blade thickness 0,75 mm					
	40 cm	20.905.047	1			
	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				

Product	Details	RefN°	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Floor Trowel</b> 	<b>stainless, blade thickness 0,75 mm, unvarnished handle, both ends rounded</b>					
	Dimensions					
	42,5 x 12,5 cm					
	blade thickness 0,75 mm					
	24 cm handle (flexible)	20.903.048	1			
31 cm handle (semi-flexible)	20.903.047	1				
blade thickness 1,1 mm						
31 cm handle (stiff)	20.903.042	1				
30 x 8 cm						
blade thickness 0,75 mm						
24 cm handle (stiff)	20.903.041	1				
<b>Swiss Trowel</b> 	<b>stainless steel, blade thickness 0,75 mm, unvarnished wooden handle</b>					
	13 x 48 cm	20.101.004	1			
	chamfered edges	20.101.010	1			
<b>Notched Swiss Trowel</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, other notches on request</b>					
	V-shaped					
	3 mm	20.101.304	1			
	6 mm	20.101.604	1			
	L-shaped					
	3 mm	20.101.314	1			
	4 mm	20.101.414	1			
	6 mm	20.101.614	1			
10 mm	20.101.014	1				
U-shaped 32 H=15 L=20 S=10	20.111.680	1				
<b>Floor Spatula</b> 	30 cm	20.904.030	1			
	40 cm	20.904.040	1			
	50 cm	20.904.050	1			
<b>Venetian Trowel</b> 	<b>stainless steel</b>					
	20 x 9/8 cm	20.220.020	1			


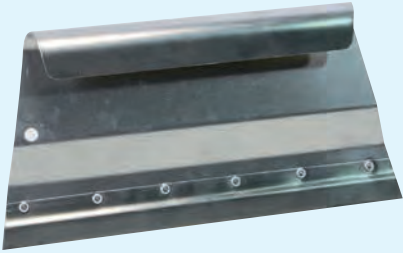
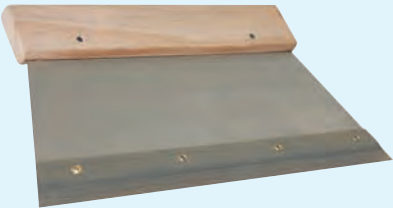


Product	Details	RefN°	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Finishing Trowel</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 28 cm</b>					
	carbon steel	20.100.001	3		30	
	stainless steel	20.101.001	3		30	
	chamfered edges & rounded corners	20.101.128	1		10	
<b>Finishing Trowel 35 cm short bar</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 35 cm</b>					
	carbon steel	20.100.035	1			
	stainless steel	20.101.035	1			
	chamfered edges & rounded corners	20.101.135	1			
<b>Finishing Trowel 40 cm short bar</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 40 cm</b>					
	carbon steel	20.100.040	1			
	stainless steel	20.101.040	1			
	chamfered edges & rounded corners	20.101.140	1			
<b>Finishing Trowel 35 cm long bar</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 35 cm</b>					
	carbon steel	20.110.035	1			
	stainless steel	20.111.035	1			
	chamfered edges & rounded corners	20.111.135	1			
<b>Finishing Trowel 40 cm long bar</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 40 cm</b>					
	carbon steel	20.110.040	1			
	stainless steel	20.111.040	1			
	chamfered edges & rounded corners	20.111.140	1			
<b>Finishing Trowel 50 cm Diston bar</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle, 13 x 50 cm</b>					
	stainless steel	20.101.050	1			



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>American Type Finishing Trowel</b> 	<b>stainless steel, blade thickness 0,75 mm, unvarnished wooden handle, long bar</b>					
	11,7 x 26,7 cm	20.101.003	1			
	13 x 28 cm	20.101.002	1			
<b>Mortar Trowel</b> 	<b>stainless steel, special trowel for resin based mortars, unvarnished handle</b>					
	7,5 x 35 cm	20.101.005	1			
	blade thickness 0,75 mm	20.101.006	1			
	blade thickness 1,1 mm					
<b>Sheet Thickness Trowel</b> 	<b>stainless steel, blade thickness 0,75 mm, 13 x 28 cm</b>					
	sheet thickness					
	2,0 mm	20.228.020	1			
	2,5 mm	20.228.025	1			
	3,0 mm	20.228.030	1			
	4,0 mm	20.228.040	1			
<b>Notched Trowel V-shaped</b> 	<b>stainless steel, blade thickness 0,75 mm, unvarnished handle, notched 60°, 13 x 28 cm</b>					
	teeth					
	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			
<b>Notched Trowel L-shaped</b> 	<b>stainless steel, blade thickness 0,75 mm, unvarnished wooden handle, notched 90°, 13 x 28 cm</b>					
	teeth					
	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			
<b>Notched Trowel U-Shaped</b> 	<b>stainless steel, blade thickness 0,75 mm, unvarnished handle, especially suitable for fixing large tiles</b>					
	13 x 28 cm	20.205.680	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Joint Board</b> 	<b>for application of epoxy resin to close the porous in colour quartz mortars, silicone free, 25,5 x 10 cm</b>					
	hard (85°Shore) white surface	25.300.030	1			
	soft (55°Shore) green cover	25.300.031	1			
<b>Joint Board Professional</b> 	<b>for application of Epoxy resin to close the porous in colour quartz mortars, silicone free, 24 x 10 cm, 2 sharp and 2 rounded edges</b>					
	medium hard (60° Shore)	25.300.035	1			
<b>Plastic Trowel</b> 	<b>plastic handle and plastic blade, 14 x 28 cm</b>					
	blade thickness 2 mm	20.150.002	3			
	3 mm	20.150.003	3			
<b>Brick Trowel</b> 	<b>unvarnished wooden handle, blade thickness 1,1 mm</b>					
	stainless steel 16 cm	20.751.016	3			
	18 cm	20.751.018	3			
	carbon steel, varnished handle 18 cm	20.750.018	3			
<b>Tilers Trowel</b> 	<b>stainless, blade thickness 1,1 mm, unvarnished handle</b>					
	southern german shape 160x110/90 mm	20.758.164	1			
<b>Plasterer Trowel</b> 	<b>blade thickness 0,75 mm, unvarnished wooden handle</b>					
	stainless steel 12 cm	20.600.120	3			
	14 cm	20.600.140	3			
	carbon steel 1,1 mm, blue painted handle 14 cm	20.610.140	3			



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Floor Layer Trowel</b> 	<b>Smoothing trowel with clamping bar to hold exchangeable notched blades</b>					
	13 x 28 cm right handed	20.128.002	1			
	left handed	20.128.003	1			
<b>Adhesive Spreader</b> 	<b>made of aluminium, fitted with clamping bar to hold exchangeable notched blades</b>					
	28 cm	20.128.100	1			
<b>Adhesive Spreader</b> 	<b>trapezoidal shape, made of spring strip steel, with riveted handle and clamping bar to hold exchangeable notched blades</b>					
	18 cm	20.128.018	1			
	21 cm	20.128.021	1			
	28 cm	20.128.028	1			
<b>Adhesive Spreader stainless</b> 	<b>angled trapezoidal shape, with riveted handle and clamping bar to hold exchangeable notched blades</b>					
	28 cm	20.128.128	1			
<b>Pore Spatula</b> 	<b>with wooden back and 8 mm thick special PU, for leveling resins on colour quarz mortars</b>					
	23 cm	25.420.023	1			
	40 cm	25.420.040	1			

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

**Grouting Rubber**

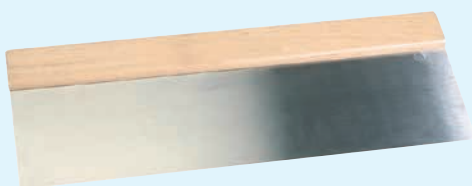
**with wooden handle and with 4 mm thick translucent rubber**

22,5 cm	25.500.025	3		
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**Flex-Duo Spatula**

**stainless, blade thickness 0,3 mm, screwed and unvarnished 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**

**Blade thickness 0,5 mm, 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		

**Japanese Spatula**

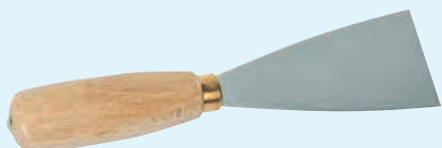
**Plastic parts solvent resistant, 11 cm high, Set with 5, 7, 5, 10 and 12 cm width**

stainless	20.131.512	3		10
plastic	20.131.614	3		10






**Painters Spatula Economy**

**flexible blade**

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 blade, 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

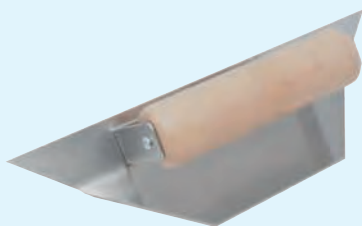
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Profile Spatula</b> 	<b>to generate a small fillet or to clean buckets</b>  with wooden handle length approx. 28,5 cm	20.305.032	1			
<b>Concave and Triangle Trowel without edge</b> 	<b>stainless, blade thickness 2 mm, non flexible, both ends bevelled by 45°, plinth height approx. 6 cm, width 24 cm</b>  r = 40 mm	20.302.045	1			
<b>Concave and Triangle Trowel with 5 mm edge</b> 	<b>stainless, blade thickness 2 mm, non flexible, both ends bevelled by 45°, one side folded 90° with edge approx. 5 mm, plinth height approx. 6 cm, width 24 cm</b>  r = 40 mm	20.301.045	1			
<b>Round Trowel</b> 	<b>stainless, blade thickness 1,2 mm, width 17 cm</b>  r = 30 mm r = 50 mm	20.304.030	1			
		20.304.050	1			
<b>Profile Trowel</b> 	<b>stainless, blade thickness 1,2 mm, width 25 cm</b>  r = 30 mm r = 50 mm	20.304.031	1			
		20.304.051	1			

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

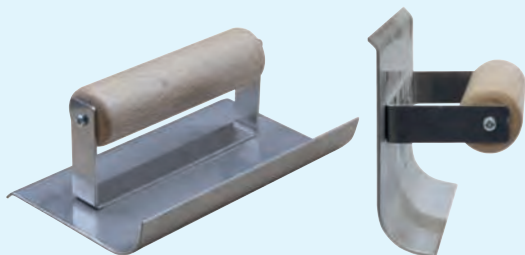
**Profile Trowel bevelled**

**stainless, blade thickness 1,2 mm, both ends bevelled by 45°, width 25 cm**

width 25 cm				
r = 30 mm (plinth height 4 cm)	20.304.032	1		
r = 50 mm (plinth height 5 cm)	20.304.052	1		
width 37 cm				
r = 30 mm (plinth height 4 cm)	20.314.030	1		
r = 50 mm (plinth height 5 cm)	20.314.050	1		

**Triangle Trowel**

**stainless, blade thickness 2 mm, edge bevelled by 45° on both sides, width 25 cm**

edge length 30 mm (plinth height 2 cm)	20.303.030	1		
edge length 40 mm (plinth height 3 cm)	20.303.040	1		

**Profile Trowel ,S'**

**stainless steel, blade thickness 2 mm, one side bevelled 45° with edge of 5 mm, plinth height approx. 10,5 cm, width 17 cm**

r = 25 mm	20.306.041	1		
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**Profile Trowel**

**stainless steel, blade thickness 1,2 mm, one side bevelled 90° with edge approx. 11,5 mm, plinth height approx. 7,5 cm, width 20 cm**




r = 15 mm	20.306.415	1		
r = 30 mm	20.306.430	1		

**Profile Trowel**

**stainless steel, blade thickness 1,2 mm, one side bevelled 90° with edge approx. 13 mm, plinth height approx. 8 cm, width 13 cm**

r = 15 mm	20.306.815	1		
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Profile Trowel		<b>stainless steel, blade thickness 1,2 mm, one side bevelled 90° with edge approx. 10 mm, plinth height approx. 5 cm, width 10 cm</b> r = 40 mm	20.309.040	1		
Profile Trowel		<b>stainless steel, blade thickness 1,2 mm, plinth height approx. 7 cm, width 15 cm</b> r = 40 mm	20.307.040	1		
Profile Trowel		<b>stainless steel, blade thickness 1,2 mm, width 20 cm</b> plinth height 8 cm r = 30 mm	20.304.034	1		
		plinth height 10 cm r = 15 mm	20.308.015	1		
		r = 30 mm	20.308.030	1		
		plinth height 20 cm r = 30 mm	20.318.030	1		

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

**Profile Trowel**



**stainless, blade thickness 1,2 mm, bevelled edges 45°, plinth height approx 10 cm, width 30 cm**

r = 15 mm	20.308.115	1		
r = 30 mm	20.308.130	1		



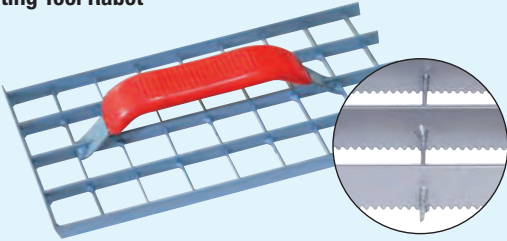


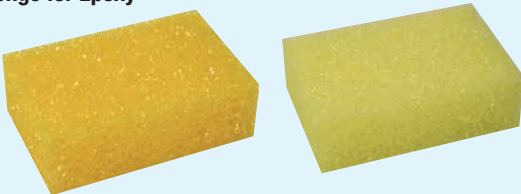

**Profile Trowel**


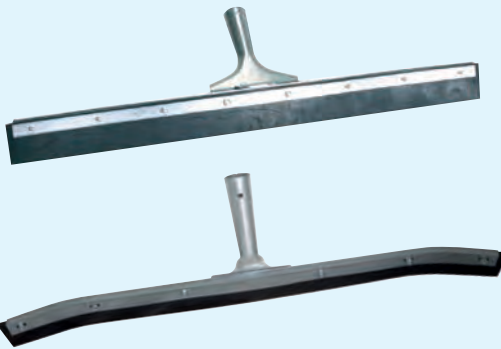



**stainless steel, blade thickness 1,2 mm, one side bevelled 90° with edge approx. 20 mm, plinth height 8 cm, width 30 cm**

r = 15 mm	20.308.215	1		
r = 30 mm	20.308.230	1		

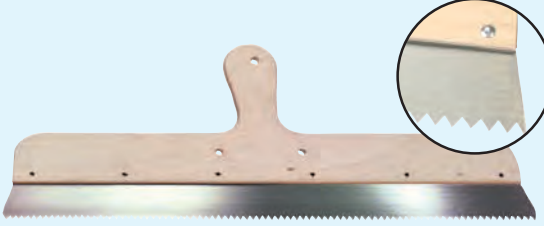
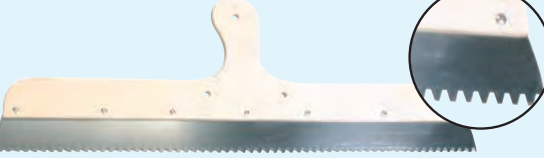



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Latex Float</b> 	<b>Dimension 280 x 140 mm</b>					
	thickness 20 mm	20.150.090	1			
	replacement latex plate	20.150.091	1			
<b>Cellular Rubber Float</b> 	<b>Dimension 280 x 140 mm</b>					
	thickness 10 mm	20.150.050	1			
<b>Hydro Sponge Float</b> 	<b>Dimension 280 x 140 mm, thickness 30 mm</b>					
	smoothed surface	20.150.060	1			
	rasterized surface	20.151.050	1			
	replacement hydrosponge smoothed surface	20.150.061	3			
<b>Hydro Sponge Float Velcro</b> 	<b>Dimension 280 x 140 mm, thickness 30 mm</b>					
	rasterized surface	20.151.060	1			
	replacement rasterized sponge	20.151.061	3			
<b>Sponge Rubber Float</b> 	<b>Dimension 280 x 40 mm</b>					
	structure: coarse					
	thickness 10 mm	20.150.071	1			
	20 mm	20.150.081	1			
	replacement sponge coarse					
	thickness 10 mm	20.150.072	3			
	20 mm	20.150.082	3			
	structure: fine					
	thickness 10 mm	20.150.073	1			
	20 mm	20.150.083	1			
replacement sponge fine						
thickness 20 mm	20.150.084	3				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>PU Float</b> 	<b>very light, does not absorb water</b>					
	12 x 24 cm	20.151.012	1			
	14 x 28 cm	20.151.014	1			
	18 x 32 cm	20.151.018	1			
	20 x 36 cm	20.151.020	1			
	22 x 42 cm	20.151.022	1			
<b>Wooden Float</b> 	<b>multi-layered wood</b>					
	12 x 24 cm	20.161.012	1			
	14 x 28 cm	20.161.014	1			
<b>Floating Tool Rabot</b> 	<b>Dimension 285 x 140 mm, grid size 30 x 30 mm</b>					
	smooth	40.285.140	1			
	notched	40.289.140	1			
<b>Viscose Sponge</b> 	<b>highly hygroscopic and high fluid absorption, chemical and acid resistant</b>					
	150 x 110 x 35 mm	21.150.035	3			
<b>Hygroscopic Sponge</b> 	<b>for cleaning tiles after grouting, extreme hygroscopic foam</b>					
	165 x 110 x 65 mm	21.160.070	3			
<b>Sponge for Epoxy</b> 	<b>for epoxy grouting, made of coarse foam</b>					
	150 x 100 x 50 mm hard	20.450.001	3			
	extra hard	20.450.002	3			
<b>Combi Sponge</b> 	<b>one side with hard and coarse-pored quality, other side with soft and fine-pored quality</b>					
	160 x 110 x 60 mm	20.450.005	3			

Product	Details	RefN°r	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Microcell rubber squeegee</b> 	<b>with synthetic microcell rubber (usable height approx. 22 mm), with metal back and handle bracket, also suitable for grounding and sealing</b>					
	35 cm	25.005.035	1	10		
	45 cm	25.005.045	1	10		
	60 cm	25.005.055	1	10		
<b>Standard rubber squeegee</b> 	<b>made of strong, natural cell rubber (usable height approx. 22 mm), with metal back and handle bracket, also suitable for grounding and sealing</b>					
	45 cm	25.007.045	1	10		
	60 cm	25.007.060	1	10		
<b>High Performance rubber Squeegee</b> 	<b>made of strong, natural cell rubber (usable height approx. 30 mm), with splash protection, also suitable for grounding and sealing</b>					
	black					
	45 cm	25.000.045	1	10		
	55 cm	25.000.060	1	10		
	75 cm	25.000.080	1	10		
	100 cm	25.000.100	1	10		
	white					
	45 cm	25.004.045	1	10		
	55 cm	25.004.055	1	10		
	red (with neoprene = stronger rubber)					
45 cm	25.003.045	1	10			
55 cm	25.003.055	1	10			
75 cm	25.003.075	1	10			
<b>Rubber Squeegee single blade</b> 	<b>with 5 mm thick and 50 mm high hard rubber lip</b>					
	straight					
	45 cm	25.100.045	1	10		
	61 cm	25.100.060	1	10		
	curved					
	61 cm	25.100.070	1	10		
	replacement rubber					
	black					
45 cm	25.100.046	10				
61 cm	25.100.061	10				
white						
45 cm	25.100.047	10				
61 cm	25.100.062	10				
<b>One-Piece Rubber Squeegee blue</b> 	<b>made from plastic, handle holder with thread, tapered rubber, rubber hardness: soft</b>					
	30 cm	25.160.030	1	10		
	40 cm	25.160.040	1	10		
	60 cm	25.160.060	1	10		

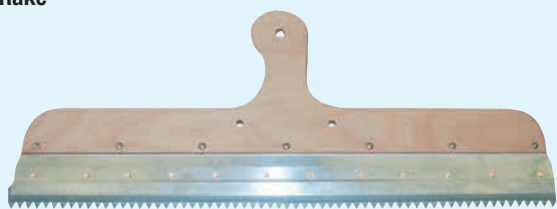
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>One-Piece Rubber Squeegee red</b> 	<b>made from plastic, handle holder with thread, tapered rubber, rubber hardness: medium</b>	40 cm	25.167.040	1	6	
		60 cm	25.167.060	1	6	
<b>V-Crack Filler Squeegee</b> 	<b>for applying resin into cracks and/of joints with 5 mm thick and 50 mm high hard rubber lip, wing length 23 cm, socket attachment reversable which makes it useable as a pull or push squeegee</b>		25.180.050	1		
		Replacement Rubber	25.180.051	1		
<b>Squeegee</b> 	<b>for leveling resins on colour quarz mortars</b>	25 cm	25.400.025	1		
<b>Magic Squeegee</b> 	<b>with soft, flexible and sharp rubber lip</b>	30 cm	25.008.030	1		
		55 cm	25.008.055	1		
<b>Waxing Mop</b> 	<b>to apply oil and wax</b>	incl. handle and cloth	43.140.040	1		
		replacement mop				
		made from polyester				
		43 cm	43.000.041	1		
<b>Floor Mop</b> 	<b>50 cm width, with broomstick, to apply oil and wax</b>	microfiber cloth incl. aluminium handle				
		(140 cm)	43.100.010	1	10	
		replacement cloth	43.100.015	1	10	

Floor coating

Product	Details	RefN <sup>r</sup>	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Notched Rake</b> 	<b>60 cm,</b> <b>to apply synthetic resin coatings while standing</b> <b>notched V-shape mm:</b> 2    3    4    5    6    7    9 <b>thickness mm approx.</b> 0,3-1,0    0,4-1,2    0,5-1,5    0,7-1,8    1-2    2-3    3-4 <b>for self levelling epoxy mortars</b>					
	teeth					
	2 mm	20.000.002	1		10	
	3 mm	20.000.003	1		10	
	4 mm	20.000.004	1		10	
	5 mm	20.000.005	1		10	
	6 mm	20.000.006	1		10	
	7 mm	20.000.007	1		10	
	9 mm	20.000.009	1		10	
	<b>Notched Rake (trapez)</b> 	<b>6 x 4 mm ( depth x distance ), stainless, with drill holes for handle bracket</b>				
60 cm		20.000.014	1		10	
<b>Notched Rake (round arch)</b> 	<b>5 x 6 mm ( depth x distance ), carbon steel,</b> <b>with drill holes for handle bracket</b>					
	60 cm	20.000.015	1		10	
<b>Rake</b> 	<b>blade thickness 0,5 mm, with wooden handle and drill holes for handle bracket</b>					
	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		
<b>Scraper</b> 	<b>bended for scratch coat application in standing position, with wooden handle and drill holes for handle bracket (Art. 30.300.028)</b>					
	without handle bracket	20.000.000	1		10	
	with handle bracket Ø 28 mm	20.000.160	1		10	
	with threaded handle bracket Ø 28 mm	20.000.260	1		10	



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

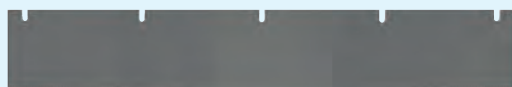
**Rake**

**56 cm, fitted with clamping bar to hold exchangeable notched blades, with wooden handle (without notched blades)**

without handle bracket	20.056.000	1	10
with handle bracket Ø 28 mm	20.056.160	1	10
with threaded handle bracket Ø 28 mm	20.056.256	1	10

**Rake**

**to fix notched metal blades**

65 x 10 cm	20.565.065	1	
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**Blades Notched**

**65 cm wide, 10 cm high, metal blade from high abrasion resistant steel, V-shape notched**

1 mm	20.565.101	1	
2 mm	20.565.102	1	
3 mm	20.565.103	1	
4 mm	20.565.104	1	
5 mm	20.565.105	1	
6 mm	20.565.106	1	
7 mm	20.565.107	1	
8 mm	20.565.108	1	
9 mm	20.565.109	1	
10 mm	20.565.110	1	

**Handle Bracket**




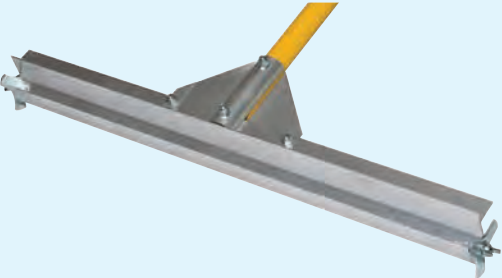

**with wing screws**

Ø 24 mm	30.300.024	5	10
Ø 28 mm	30.300.028	5	10
Ø 28 mm with thread	30.300.129	2	10

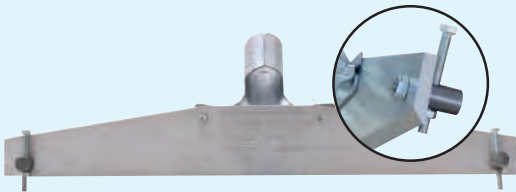
**Handle Bracket with hinge**

**with wing screws**

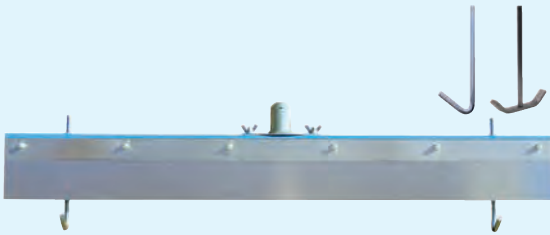
with hinge	30.300.027	1	5
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Rake U-Bracket</b> 	<b>for broomsticks with and without thread, adjustable work-angle and bigger leverage effect for a better control of the rake</b>	30.300.016	1			
<b>Pin Rake Economy</b> 	<b>made of extruded aluminium, the height adjustable steel blade allows a coating thickness up to 10 mm</b>	40 cm standard bracket	20.140.001	1		
		40 cm threaded bracket	20.100.240	1		
		58 cm standard bracket	20.100.058	1		
		58 cm threaded bracket	20.100.258	1		
		80 cm standard bracket	20.100.080	1		
		80 cm threaded bracket	20.100.280	1		
<b>Pin Rake Professional</b> 	<b>made of cast aluminium, the height adjustable steel blade allows a coating thickness up to 18 mm</b>	58 cm standard bracket	20.000.010	1		
<b>CAM Gauge Rake</b> 	<b>A patented tool which applies a range of materials at a precise, specified, and uniform depth. CAM® depth settings range from 1/4" to 1-1/2". (without distance pins)</b>	Width 91.5 cm without handle	20.030.060	1		
		with 1.65 m aluminum stick	20.030.061	1		
<b>CAM Set</b> 	<b>Set of 2 pcs Distance</b>	6,3 mm	20.031.006	1		
		7,8 mm	20.031.008	1		
		9,4 mm	20.031.009	1		
		12,5 mm	20.031.012	1		

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

**Rake with fixed adjustable screws**

**coating thickness is regulated by adjusting screws, max. coating thickness up to 20 mm**

40 cm				
standard bracket	20.040.015	1		
threaded bracket	20.040.215	1		
60 cm				
standard bracket	20.060.015	1		
threaded bracket	20.060.215	1		

**Rake with skids**

**coating thickness is regulated by adjustable skids, coating thickness from 8 mm up to 65 mm**

60 cm	20.530.060	1		
80 cm	20.530.080	1		
Replacement skid	20.530.001	1		
Landing skid (for scarified pavement)	20.530.002	1		




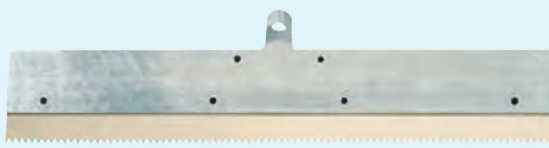
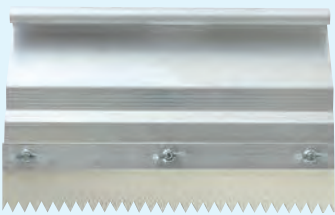
**Rake with propeller screw**




**the rake has a bevelled edge, fixable rotatable propeller arms with different length to control the coating thickness (without propeller)**








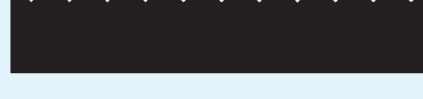


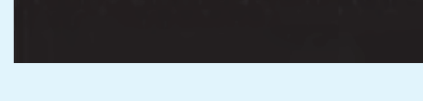
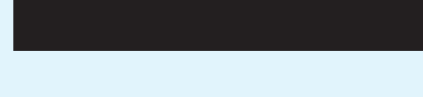
40 cm				
standard bracket	20.050.041	1		
threaded bracket	20.050.241	1		
60 cm				
standard bracket	20.050.001	1		
threaded bracket	20.050.261	1		

**Replacement propeller**


Application thickness				
1, 2, 3 mm	20.050.301	2		
4, 5, 6 mm	20.050.304	2		
7, 8, 9 mm	20.050.307	2		








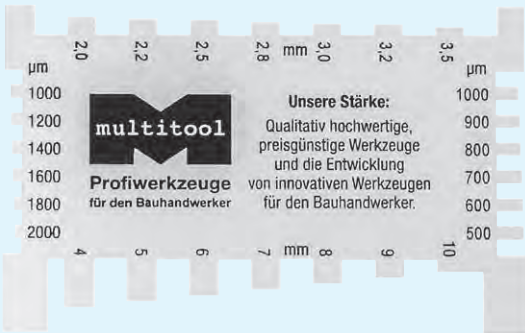
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Rake with clamping bar and pins Economy</b>	<b>with clamping bar to attach notched blades and height adjustable pins, max. coating thickness up to 35 mm</b>					
	56 cm	20.560.060	1			
<b>Metal Rake with clamping bar and pins</b>	<b>stainless holder für notched blades and 2 comp-handle, max. coating thickness up to 32 mm</b>					
	56 cm	20.560.160	1			
<b>Rake for notched rubber blades Professional</b>	<b>made of cast aluminium, with wing screws and clamping bar, without notched rubber</b>					
	58 cm standard bracket	20.501.000	1			
<b>Rake for notched rubber blades Economy</b>	<b>made of extruded aluminium, with wing screws and clamping bar, without notched rubber</b>					
	40 cm standard bracket threaded bracket	20.510.040 20.510.240	1 1			
	58 cm standard bracket threaded bracket	20.510.000 20.510.258	1 1			
<b>Hand rake for notched rubber blades</b>	<b>made of aluminium, with fastening device for notched rubber blades, without notched rubber</b>					
	26 cm	20.510.026	1			

Product	Details	RefN°	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Notched Rubber Blades 58 cm</b>  	<b>58 cm wide, 8 mm thick, light special rubber</b>					
	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			
	14 mm	20.500.014	1			
18 mm	20.500.018	1				
straight	20.500.000	1				
<b>Notched Rubber Blades 26 cm</b>  	<b>26 cm wide, 8 mm thick, light special rubber</b>					
	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			
	14 mm	20.526.014	1			
18 mm	20.526.018	1				
straight	20.526.000	1				
<b>Notched PU Blades 58 cm</b>  	<b>58 cm wide, 6 mm thick, blue, highly wear-resistant polyurethane</b>					
	1 mm	20.550.001	1			
	2 mm	20.550.002	1			
	3 mm	20.550.003	1			
	4 mm	20.550.004	1			
	5 mm	20.550.005	1			
	6 mm	20.550.006	1			
	7 mm	20.550.007	1			
	8 mm	20.550.008	1			
	9 mm	20.550.009	1			
	10 mm	20.550.010	1			
	11 mm	20.550.011	1			
	12 mm	20.550.012	1			
	straight	20.550.000	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Tooth Blades</b>						
<b>special hardened steel</b>						
<b>H=tooth height, L=tooth distance, S=tooth tip width, notched double-sided</b>						
	<b>S1</b>	<b>H=9,2 L=10,6 S=1,4</b>				
	92	28 cm	20.000.S1	10		
	<b>S2</b>	<b>H=7,7 L= 8,2 S= 0,2</b>				
		28 cm	20.000.S2	10		
	<b>S2.66</b>	<b>H=6,6 L=8,2 S=0,5</b>				
	78	28 cm	20.000.S2.66	10		
	<b>RS4</b>	<b>H=5,5 L=6,5/1,9 S=0,5</b>				
	48	28 cm	20.000.RS4	10		
	<b>S3</b>	<b>H=5,2 L=6,5 S=0,2</b>				
	95	28 cm	20.000.S3	10		
	<b>S4</b>	<b>H=5,1 L=10,3 S=0,2</b>				
	67	28 cm	20.000.S4	10		
	<b>S5</b>	<b>H=4,2 L=5,7 S=0,2</b>				
		28 cm	20.000.S5	10		
	<b>S5.38</b>	<b>H=3,8 L=5,7 S=0,3</b>				
	25	28 cm	20.000.S5.38	10		
	<b>S6</b>	<b>H=3,4 L=4,2 S=0,2</b>				
	93/S2	28 cm	20.000.S6	10		
	<b>S7</b>	<b>H=2,55 L=1,8 S=0,1</b>				
	5	28 cm	20.000.S7	10		
	<b>S8</b>	<b>H=1,8 L=2,5 S=0,1</b>				
	S3	28 cm	20.000.S8	10		
	<b>S9</b>	<b>H=4,6 L=2,8 S=0,2</b>				
	7	28 cm	20.000.S9	10		
		56 cm	20.056.S9	10		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Tooth Blades acc. TKB</b>	<b>special hardened steel</b>					
	<b>H= tooth height, L= Distance between 2 teeth, S= Teeth width <math>\phi</math>= Angel°</b>					
	<b>notched double-sided</b>					
	<b>H=1,1 L=1,5 S=0,5 <math>\phi</math>=55°</b>					
	18 cm	20.018.A1	10			
	21 cm	20.021.A1	10			
	28 cm	20.000.A1	10			
	<b>H=1,4 L=1,7 S=1,3 <math>\phi</math>=55°</b>					
	18 cm	20.018.A2	10			
	21 cm	20.021.A2	10			
	28 cm	20.000.A2	10			
	<b>H=1,5 L=1,6 S=0,4 <math>\phi</math>=45°</b>					
	18 cm	20.018.A3	10			
	21 cm	20.021.A3	10			
	28 cm	20.000.A3	10			
	56 cm	20.056.A3	10			
	<b>H=0,75 L=1,1 S=0,4 <math>\phi</math>=55°</b>					
	18 cm	20.018.A4	10			
	21 cm	20.021.A4	10			
	<b>H=1,0 L=1,35 S=1,45 <math>\phi</math>=55°</b>					
	18 cm	20.018.A5	10			
	21 cm	20.021.A5	10			
	<b>H=2,0 L=2,4 S=2,6 <math>\phi</math>=55°</b>					
	18 cm	20.018.B1	10			
	21 cm	20.021.B1	10			
	<b>H=2,55 L=3,0 S=2,0 <math>\phi</math>=55°</b>					
18 cm	20.018.B2	10				
21 cm	20.021.B2	10				
<b>H=3,25 L=3,7 S=3,3 <math>\phi</math>=55°</b>						
18 cm	20.018.B3	10				
21 cm	20.021.B3	10				
<b>H=5,15 L=5,7 S=14,3 <math>\phi</math>=55°</b>						
18 cm	20.018.B5	10				
21 cm	20.021.B5	10				
<b>H=3,6 L=4,1 S=4,9 <math>\phi</math>=55°</b>						
18 cm	20.018.B6	10				
21 cm	20.021.B6	10				
<b>H=5,7 L=5,1 S=9,9 <math>\phi</math>=45°</b>						
18 cm	20.018.B10	10				
21 cm	20.021.B10	10				
<b>H=5,0 L=6,1 S=7,9 <math>\phi</math>=60°</b>						
18 cm	20.018.B11	10				
21 cm	20.021.B11	10				
<b>H=6,5 L=5,5 S=6,9 <math>\phi</math>=45°</b>						
18 cm	20.018.B15	10				
21 cm	20.021.B15	10				



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	
<b>Tooth Blades with rectangular notching</b>   <b>R1</b>   <b>R2</b>   <b>R3</b> C3   <b>R4</b> 36   <b>R5</b>   <b>R6</b>   <b>R7</b>	<b>special hardened steel</b>  <b>H=3,0 L=4,0 S=1,5</b>  28 cm  <b>H=5,0 L=4,0 S=2,0</b>  28 cm  <b>H=3,0 L=3,0 S=3,0</b>  28 cm  <b>H=4,0 L=4,0 S=4,0</b>  28 cm  <b>H=6,0 L=6,0 S=6,0</b>  28 cm  <b>H=8,0 L=8,0 S=8,0 notched one-sided</b>  28 cm  <b>H=10,0 L=10,0 S=10,0 notched one-sided</b>  28 cm	20.000.R1  20.000.R2  20.000.R3  20.000.R4  20.000.R5  20.000.R6  20.000.R7	10  10  10  10  10  10  10				
	<b>Thickness Gauge</b>  	<b>aluminium</b>  measuring range 0,5-10 mm	99.001.001	1			

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

**Application Box for Resin Mortars**



Made of thick carbon steel  
Application thickness: variable 0 - 25 mm

Easy filling with wheelbarrow, seamless application of mortar, ergonomical application due to upright position, compartment for trowels or other tools

**model skid**

40 cm  
60 cm

26.100.040  
26.100.060

1  
1

**model rol**

90 cm

26.100.090

1

**Warning Sign**



made of solid cardboard to set up

99.366.035

1

**Bucket Carrier**



for easy pouring of self levelling mortars

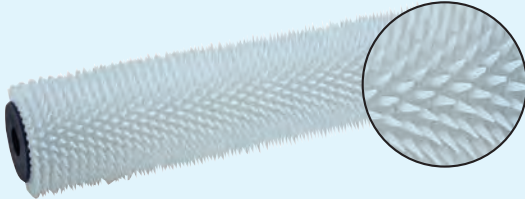

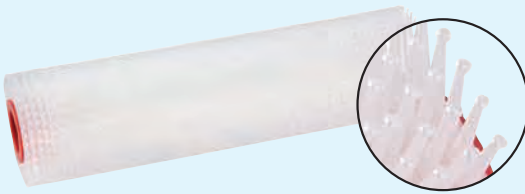
for 30 l bucket

46.000.002

1

Product	Details	RefN°	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Spike Shoe</b>  	<b>Made in Germany, flexible synthetic sole, 31,5 cm long</b>					
	30 mm long sharp steel nail					
	Velcro strap	19.000.001	1			
	buckle closure	19.000.011	1			
	25 mm long blunt steel nail Ø 9,5 mm					
	Velcro strap	19.000.101	1			
	buckle closure	19.000.111	1			
	<b>Spike Shoe Accessories</b>					
	Replacement spikes sharp for 1 pair (28pcs)	19.000.002	1			
	Replacement spikes blunt for 1 pair (28pcs)	19.000.004	1			
Replacement velcro strap set for 1 pair	19.000.003	1				
Replacement straps with buckle closure for 1 pair	19.000.005	1				
<b>Spike Shoe Import</b> 	<b>black, stable synthetic sole with sharp spikes and velcro fastener</b>					
	<b>length 31,5 cm (&lt; EU size 9)</b>					
	spike length					
	30 mm	19.000.021	1			
	<b>length 33,5 cm (&gt; EU size 9)</b>					
	spike length					
	30 mm	19.000.022	1			
	40 mm	19.000.035	1			
	50 mm	19.000.050	1			
	<b>Replacement spikes (incl. assembly tools)</b>					
30 mm	19.001.022	1				
40 mm	19.001.035	1				
50 mm	19.001.050	1				
Replacement velcro strap set for 1 pair	19.001.003	1				
<b>Flexible Spike Shoe</b>  	<b>these are the safest spiked shoes available and feature toe and heel protections as well as a snap-lock buckle system.</b>					
	<b>sharp nails 16 mm long</b>					
	size:					
	6-8	19.005.016S	1			
	8-10	19.005.016M	1			
	10-12	19.005.016XL	1			
	<b>rounded tip spikes, Ø 5 mm, 25 mm long</b>					
	size:					
	6-8	19.005.017S	1			
	8-10	19.005.017M	1			
10-12	19.005.017XL	1				
<b>Replacement Spikes (incl. assembly tools)</b>						
sharp	19.105.001	1				
blunt	19.107.001	1				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair		
<b>Spike Slippers</b> 	<b>made of Elastomer, with 20 mm spikes</b>  size: M (<8) L (8-10) XL (10-15)  Replacement Spikes Set of 32 pcs sharp blunt	19.000.122 19.000.124 19.000.126  19.000.128 19.000.129	1 1 1  1 1					
	<b>Screed Slippers</b> 	<b>made of Elastomer</b>  size: M (<8) L (8-10) XL (10-15)	19.000.222 19.000.224 19.000.226	1 1 1				
		<b>Screed Shoes</b> 	<b>for walking on fresh screed/concrete</b>  20 x 40 cm	19.100.001	1			
			<b>Hand Support</b> 	<b>wooden handle, spike length 16 mm</b>  19,5 x 8,5 cm	19.050.019	1		
				<b>PE Protection Boot</b> 	<b>splash protection of shoes and trousers during deaeration, priming or sealing, thickness approx 75µm, (price per pcs)</b>  up to shoe length 31 cm	92.000.001	10	30

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Spiked Roller Import without handle</b> 	<b>made of solvent-resistant polypropylene, for Ø 8 mm handle, spikes semi flexible, spike length approx. 11 mm</b>					
	width					
	25 cm	19.012.025	1		10	
50 cm	19.012.050	1		10		
<b>Spiked Roller Import with handle</b> 	<b>made of solvent-resistant polypropylene, semi flexible spikes, with handle</b>					
	Spike length approx. 11 mm					
width						
25 cm	19.112.025	1				
<b>Spiked Roller with pan head</b> 	<b>made of solvent-resistant polypropylene (25 cm roller needs handle with fixed adjustment screw, item 15.905.825)</b>					
	Spike length approx. 14 mm					
	width					
	25 cm	19.012.028	1			
50 cm	19.012.058	1				
Bracket with locking screw for item 19.012.028	15.905.825	1				

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

**Spiked Roller Made in Germany without handle**



**made of solvent-resistant polypropylene, spikes flexible, for Ø8 mm handle**

Spike length approx. 11 mm width				
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. 21 mm width				
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 width				
25 cm	19.035.026	1		
50 cm	19.035.051	1		
70 cm	19.035.071	1		

**Spiked Roller Import with handle and splash protection**



**made of solvent-resistant polypropylene, flexible spikes, not replaceable 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. 31 mm width				
25 cm	19.035.025	1		
50 cm	19.035.050	1		
70 cm	19.035.070	1		

**Splash Protection**



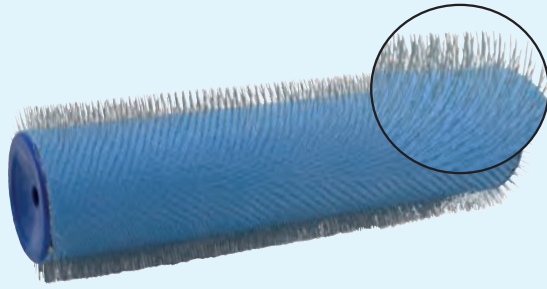
**made of solvent-resistant polypropylene**

for 50 cm handle	19.300.050	1		
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Floor coating

## Spike Roller Metal

very smooth and fine finish (due very thin  $\varnothing$  0,4 mm metal spikes)  
no visible spike roller marks in the cured coating,  
big  $\varnothing$  52 mm for less splashing


**Spike Length approx. 11 mm  
nickel-plated**

width

25 cm

19.100.025

1

50 cm

19.100.050

1

**stainless**

25 cm

19.160.025

1

50 cm

19.160.050

1

**Spike Length approx. 16 mm  
nickel-plated**

width

25 cm

19.101.025

1

50 cm

19.101.050

1

**stainless**

25 cm

19.161.025

1

50 cm

19.161.050

1

**Spike Length approx. 35 mm  
nickel-plated**

width

25 cm

19.103.025

1

50 cm

19.103.050

1

100 cm

19.103.100

1

**stainless**

25 cm

19.163.025

1

50 cm

19.163.050

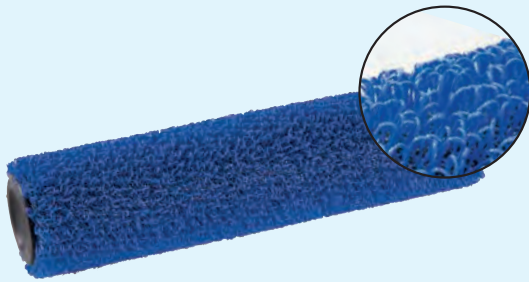
1

100 cm

19.163.100

1

## Loop Roller



for thin coatings, when the spike rollers are no longer effective the loop roller is  
ideal for levelling and smoothing

width

18 cm

19.200.018

1

25 cm

19.200.025

1

50 cm

19.200.050

1

100 cm

19.200.100

1

## Spiked wheel



for mounting on a wheelbarrow, with 30 mm long spikes

set with axle, supporting legs and  
spiked wheel (30 mm spikes )

19.900.005

1

supporting legs with nails

19.900.002

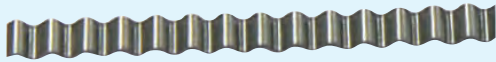
1



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Roller Cleaning Box</b> 	<b>made of solvent-resistant plastic, for storage of used spike rollers up to 25 cm and max 9,5 cm</b>	19.310.025	1			
<b>Disk Roller</b> 	<b>from stainless steel</b>  Ø 40 mm width 12 cm 18 cm Ø 55 mm width 25 cm	19.670.012 19.670.018 19.670.025	1 1 1			
<b>Laminating Roller</b> 	<b>with solvent resistant spiral perlon bristles incl. handle</b>  Ø 28 mm width 10 cm 15 cm Replacement roller width 10 cm 15 cm	19.500.100 19.500.150 19.500.111 19.500.151	1 1 1 1			
<b>Paddle Roller</b> 	<b>from Aluminium, ideal for knitted or uni-directional fibres</b>  Ø 21 mm width 7 cm 14 cm 22,5 cm Ø 45 mm width 7 cm 14 cm 22,5 cm	19.721.070 19.721.140 19.721.225 19.745.070 19.745.140 19.745.225	1 1 1 1 1 1			
<b>Groove Roller</b> 	<b>solvent resistant plastic, with handle</b>  width 14 cm Ø 25 mm Ø 50 mm	19.625.150 19.650.150	1 1			
<b>Corner Roller</b> 	<b>solvent resistant plastic</b>  Ø 40 mm	19.401.000	1			

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

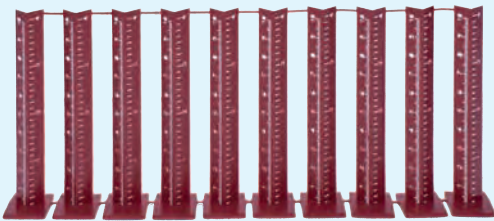
### Screed Clamp/Anchors



made of cold-rolled slit strip ( Box with 1000 pcs )

6 x 70 mm	50.600.070	1		
6 x 120 mm	50.600.120	1		

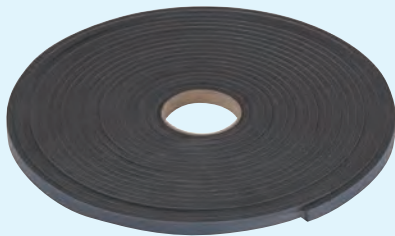
### Level Pins



Simply cut the level pin with scissors to the desired height, using the moulded millimetre rule along the pin. broomstick 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.

max. height 10 cm scale from 2 mm price per box (100 pcs)	50.200.100	1		
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### Moulding Strips



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

roll 10 m				
5 x 10 mm	50.005.010	1		
8 x 25 mm	50.008.025	1		
10 x 10 mm	50.010.010	1		
rods 1 m				
15 x 15 mm	50.015.015	1		
30 x 30 mm	50.030.030	1		

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

**Tilers Washing Set Economy**

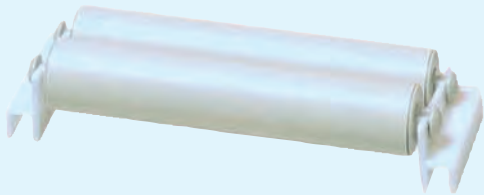
**plastic bucket 20 L**



bucket 20 Litre

44.110.022

1



metal support, 2 rinsing roller

44.150.001

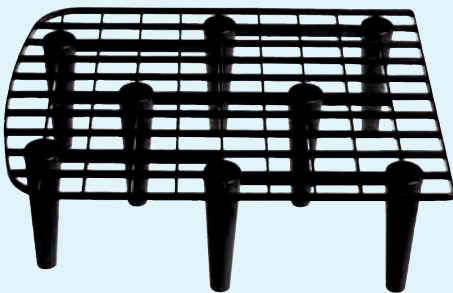
1



wheels (4 pcs)

44.160.004

1








plastic grid

44.155.022

1

Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Carbide Tile Grouter</b> 	<b>for cleaning and removing from tile joints</b>					
	Blade 50 x 2 mm	44.100.010	1			
	Replacement blades set of 3 pcs	44.100.015	1			
<b>Joint smoother</b> 	<b>handy, safe removal of silicone and acrylic joints, easy to clean, suitable for all joints (10 mm and 15 mm width)</b>					
	set of 5 pcs	44.200.015	1			
<b>Joint smoother</b> 	<b>Practical templates for fast and clean smoothing of silicone and acrylic joints</b>					
	1 spatula for hollow coves with radiation of 4, 8 and 10 mm, 1 spatula for triangle cove with angle of 5, 9 and 11 mm	44.201.002	1			
<b>Joint smoother</b> 	<b>for fast, effortless and clean smoothing of silicone. Applicable for joints of Silicon Smoothing Tool for quick and easy smoothing of joints.</b>					
	For 6, 8 and 10 mm joints	44.201.010	1			
<b>Joint smoother</b> 	<b>with shovel, for all types of joints</b>					
		44.211.050	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Pressure Sprayer</b> 	<b>Container for manual pressurized, 2,5 bar safety relief valve</b>					
	1,5 litre	89.400.150	1			
	Economy 1 litre	89.400.200	1			
<b>Pressure Sprayer with shoulder strap</b> 	<b>2 bar safety relief valve, level indicator, filling funnel</b>					
	5 liters	89.400.500	1			
<b>Rubber Grouter</b> 	<b>4 mm thick black rubber</b>					
	30 cm	44.700.030	1			
<b>Rubber Grouter</b> 	<b>chamfered</b>					
	15 cm	44.700.015	1			

Floor coating

**What should be observed when using adhesive tapes:**

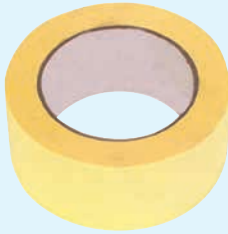
Residues and material cracks while removing the tape can be avoided if the following instructions are noted:

- Never pull off the adhesive tape jerkily, but slow, even and at an angle of 45 ° from the paint edge.
- Preferably, do not remove the tape at temperatures below 5 ° C or above 40 ° C.
- Clean edges are achieved if the tape is removed immediately after the paint has started to cure.
- Please always note the recommended maximum duration of application of use for the tape.

**Masking Tape Indoor**

**low budget smooth tape with good adhesive performance, impregnated, tear proof crepe paper, coated with a soft synthetic rubber glue use only for short time, thickness 100µm**

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

**Masking Tape Indoor Professional**

**impregnated, tear proof and tough crepe paper, coated with a soft modified natural rubber glue of good adhesive strength and ageing resistance, thickness 110µm**

19 mm x 50 m	70.110.019	12	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 Indoor brown**

**impregnated, tear-resistant, flat creped paper adhesive tape which is coated with a natural rubber adhesive, thickness 135µm**

38 mm x 50 m	70.115.038	4	24
50 mm x 50 m	70.115.050	4	24

**Japanese Masking Tape**



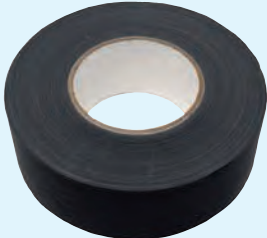
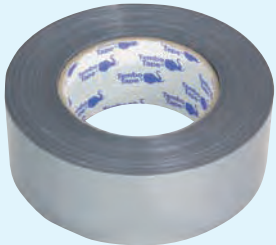
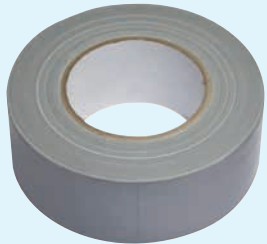

**gold-yellow/orange, coated with especially suitable acrylic glue, heat resistant up to 80 °C, UV-resistant up to 4 weeks, extremely thin for sharp edges during varnishing and painting, thickness 85µm**

19 mm x 50 m	70.130.019	12	48
25 mm x 50 m	70.130.025	9	36
30 mm x 50 m	70.130.030	8	32
38 mm x 50 m	70.130.038	6	24
50 mm x 50 m	70.130.050	6	24


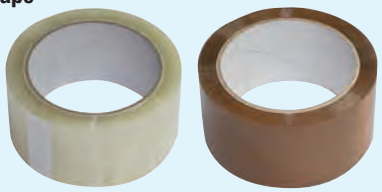




**Washi Tape Sensitive Purple**

**for sensitive surfaces such as wallpaper, varnish and fillers with especially suitable acrylic glue, heat resistant up to 80° C, UV-resistant up to 2 weeks, extremely thin for sharp edges during varnishing and painting, thickness 62µm**

19 mm x 50 m	70.135.019	1	48
25 mm x 50 m	70.135.025	1	36
30 mm x 50 m	70.135.030	1	32
38 mm x 50 m	70.135.038	1	24
50 mm x 50 m	70.135.050	1	24

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>PVC Masking Tape</b> 	<b>smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks</b>	orange 30 mm x 33 m	70.200.030	4	60	
		yellow 50 mm x 33 m	70.200.050	4	36	
<b>Dragon Tape® Cloth Tape</b> 	<b>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</b>	38 mm x 25 m	70.700.038	4	32	
		50 mm x 25 m	70.700.050	4	24	
<b>Black Premium Tape</b> 	<b>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</b>	38 mm x 50 m	70.703.038	4	32	
		50 mm x 50 m	70.703.050	4	24	
<b>Tembo Tape® Duct Tape</b> 	<b>Duct tape, pe-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, do not apply an aluminium and plastic, thickness 200 µm</b>	38 mm x 50 m	70.701.138	4	32	
		48 mm x 50 m	70.701.150	4	24	
<b>Duct Tape Premium</b> 	<b>PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 2 weeks UV-protection, thickness 300 µm</b>	38 mm x 50 m	70.702.038	4	30	
		50 mm x 50 m	70.702.050	4	24	
<b>Concrete Tape</b> 	<b>heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, UV-resistant 14 days, even at low temperatures</b>	44 mm x 50 m	70.708.044	2	24	



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Smoothing Brush</b> 	to apply tape on raw surfaces while standing	30.700.150	1			
<b>Packing Tape</b> 	<b>low noise, 0,28µ water based acrylic glue</b>  50 mm x 66 m transparent brown	70.810.010 70.810.020	6 6		36 36	
<b>Hand-Held Tape Dispenser</b> 	for packing tape	30.750.050	1			
<b>Dispenser</b> 	<b>for masking paper and adhesive tape (without tear-off blade)</b>  metal housing blue with plastic handle without accessories	70.930.001	1			
	<b>Tear-off blade made of metal</b> 15 cm 22,5 cm 30 cm	70.939.015 70.939.022 70.939.030	1 1 1		10 10 10	
<b>Masking paper</b> 	<b>40 g/m², 50 m</b>  15 cm 22,5 cm 30 cm	70.931.015 70.931.022 70.931.030	1 1 1		10 10 10	
<b>Dispenser set</b> 	<b>with blade, 5 rolls of masking paper and 5 rolls of 30 mm Finline adhesive tape (70.130.030)</b>  15 cm 22,5 cm 30 cm	70.938.015 70.938.022 70.938.030	1 1 1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Bond+Cover with cloth tape 17 mm</b> 	<b>folded HDPE masking film 0,9 µm with a strip of UV-resistant (21 days), thick cloth tape for rough surfaces</b>	33 cm x 20 m	70.920.030	5	60	
		55 cm x 20 m	70.920.055	5	60	
		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 16 m	70.920.270	1	30	
<b>Bond+Cover with cloth tape 30mm</b> 	<b>folded HDPE masking film 0,9 µm with a blue strip of UV-resistant (21 days), thick cloth tape for rough surfaces</b>	55 cm x 20 m	70.927.055	1	24	
		1,40 m x 20 m	70.927.140	1	15	
		2,70 m x 16 m	70.927.270	1	15	
<b>Bond+Cover with crepe tape 19 mm</b> 	<b>folded HDPE masking film 0,9 µm with a strip of crepe masking tape for smooth surfaces, indoor use only</b>	30 cm x 33 m	70.921.030	5	60	
		55 cm x 33 m	70.921.055	5	60	
		1,10 m x 33 m	70.921.110	5	20	
		1,80 m x 33 m	70.921.180	1	20	
		2,70 m x 20 m	70.921.260	1	20	
<b>Bond+Cover with japanese masking tape 19 mm</b> 	<b>folded HDPE masking film 0,9 µm with a strip of UV-resistant (90 days) japanese masking tape, acrylic adhesive, temperature resistant 150 °C</b>	55 cm x 25 m	70.925.055	5	35	
		1,40 m x 25 m	70.925.140	1	35	
		2,70 m x 25 m	70.925.270	1	15	
<b>Bond+Cover with crepe tape 15 mm</b> 	<b>folded paper with crepe masking tape, natural rubber, temperature resistant up to 60 °C</b>	18 cm x 25 m	70.922.180	1	40	
		30 cm x 20 m	70.922.300	1	28	

**Protection Foil made from LDPE and HDPE**

The different characteristics of LDPE and HDPE can be heard, seen and felt. Due the long branched molecular chains the HDPE is harder and stronger than LDPE. A foil made from HDPE sounds rustling while a foil of LDPE feels thicker and softer. Due to the higher strength of the HDPE it can be produced up to thickness of 5 µm, while LDPE can rarely be produced with a thickness of below 12 µm. LDPE foil with a thickness of 200 µm is very flexible while HDPE foil with 200 µm seems hard like a wooden board.

**LDPE:**

Due to the manufacturing process, this material is also known as high-pressure polyethylene. The surface is smooth and shiny, due to the high transparency, it is recommended for use in the food industry. In addition, the material is soft and stretchy.

**HDPE:**

The surface is matt and translucent, paper-like appearance. The material is characterized by:

- high strength at low film thickness
- high heat resistance
- medium rigidity

**Protective Sheet HDPE**

**transparent**

4,5 µm 10 m <sup>2</sup> (4 x 2,5 m)	40.814.010	1	40
7 µm 20 m <sup>2</sup> (4 x 5 m)	40.817.020	1	50
10 µm 100 m <sup>2</sup> roll (2 x 50 m)	40.809.101	1	10

**Protective Sheet LDPE**

**transparent/translucent**

15 µm 20 m <sup>2</sup> (4 x 5 m)	40.825.020	1	10
30 µm 50 m <sup>2</sup> (4 x 12,5 m)	40.827.050	1	10
15 µm 100 m <sup>2</sup> roll (2 x 50 m)	40.825.101	1	10

**Covering Sheet (thick)**

**made from LDPE,  
fouled, reclaim**

2 m x 50 m (85 µm)	40.800.150	1	3
4 m x 50 m (50 µm)	40.804.100	1	3

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

**Dust Protection Door**

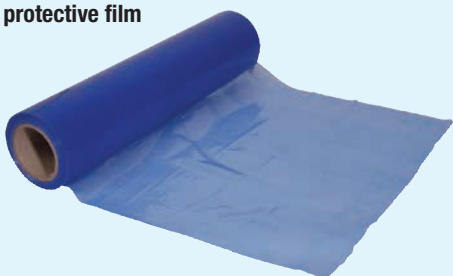
**universal door for separating rooms during construction works, 3 sides zip, for door opening, multiple usable.**

1,20 m x 2,20 m

40.888.200

1

5

**Glass protective film**

**slightly tacky cover, blue and clear LDPE sheet, leaves no marks if removed, thickness 0,05 mm**

25 cm x 100 m

70.942.025

1

4

50 cm x 100 m

70.942.050

1

2

1 m x 100 m

70.942.100

1

2

**Fabric Covering**

**reinforced edges, approx. every 1m eyeleted, waterproof, UV-resistant, 90g/m<sup>2</sup> polyethylene**

2 x 3 m

40.840.006

1

3 x 5 m

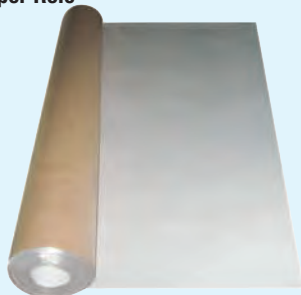
40.840.015

1

4 x 6 m

40.840.024

1

**Multilayer Paper Role**

**weight approx. 270g/m<sup>2</sup> both sides coated with 10 g/m<sup>2</sup> LDPE, width approx. 1,30 m**

 50 m<sup>2</sup>

40.820.130

1

2

pallet prices (35 pcs) on request

**Cover Felt**

**one side covered with anti slip, 1 m x 50 m**

 180 g/m<sup>2</sup>

40.810.180

1

3

 250 g/m<sup>2</sup>

40.810.150

1

2

pallet prices on request

Product	Details	RefN°	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Deep Hole Marker</b> 	<b>Marking and writing tool with permanent ink, can be of washed off of smooth surfaces with alcohol, stainless steel telescopic tip (self retracting), for hard to reach areas and all surfaces mark thickness Ø 1,4 mm</b> black red blue	30.995.003 30.995.004 30.995.005	1 1 1			
<b>Deep Hole Marker</b> 	<b>the deep hole marker marks and writes on all material surfaces, as well as on dusty, rough, oily, damp and dark surfaces. Delivery without pens.</b> Pica Dry Replacement Set 2 x red, 2 x yellow, 4 x graphite	30.995.010 30.995.110	1 1			
<b>Wax Cryon</b> 	<b>for professional use, most suitable for marking metal, tiles, stone and concrete</b> <b>Pack with 12 pcs</b> yellow blue red	40.250.001 40.250.002 40.250.003	1 1 1			
<b>Carpenter's pencil</b> 	<b>good quality</b>	40.230.025	5			
<b>Mason's Lacing Cord</b> 	<b>highly tear-resistant</b> green 50 m Ø 1,7 mm red 100 m Ø 1,7 mm	40.260.006 40.260.010	1 1			
<b>Chalk Reel</b> 	Steel 30 m ABS 50 m	40.260.001 40.260.050	1 1			
<b>Pigment Powder</b> 	blue 250 g 500 g red 250 g 500 g white 250 g	40.260.250 40.260.500 40.260.251 40.260.501 40.260.252	1 1 1 1 1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Barrier Tape</b> 	<b>made of Polyethylene, approx. 34µm, both sides red/white, in cardboard box</b>					
	80 mm x 500 m	40.400.580	1		12	
<b>Ratchet Tie Down</b> 	<b>made of Polypropylene, tensile strength 1000daN</b>					
	35 mm x 4 m	41.035.004	1			
	35 mm x 6 m	41.035.006	1			
	40 mm x 8 m	41.035.008	1			
<b>Stretch Foil</b> 	<b>23 µm thick foil</b>					
	50 cm x 300 m	40.820.055	1		6	
<b>Waste Bag</b> 	<b>blue, 15 pcs/role, 120 litre, 70 x 110 cm</b>					
	80 µm	40.400.120	1		10	
<b>PP-Sacks woven</b> 	<b>with top seam, suitable for rubble, white</b>					
	max. load 15 kg 400 x 600 mm	40.410.015	10			
	max. load 50 kg 600 x 1050 mm	40.410.050	10			
<b>Big Bag</b> 	<b>4 Loops, up to 1000 kg, 0,7m³</b>					
	90 x 90 x 90 cm without apron, without spout	40.430.100	1		10	
	90 x 90 x 110 cm with apron, without spout	40.430.150	1		10	
	with apron, with spout	40.434.035	1		10	



## 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		
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## Line Marking Hand Applicator



pistol for aerosol line marking paint

45.000.001	1		
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## Aerosol marking paint



on acryl resin base for professional use suitable also for over head use,  
500ml

orange

45.060.006	1		12
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## Marking Paint



a fast-drying, wear-resistant line marking paint based on epoxy ester with a  
semi-gloss finish and excellent adhesion and durability properties compared to  
other line marking colors. 750 ml can is sufficient for a 45 m long and 5 cm wide  
sharp, clear line, cures within 4 hours.

white (RAL 9016)	45.010.001	1		6
yellow (RAL 1023)	45.010.002	1		6
red (RAL 3020)	45.010.003	1		6
blue (RAL 5017)	45.010.004	6		
green (RAL 6024)	45.010.005	6		
orange (RAL 2009)	45.010.006	6		
black (RAL 9017)	45.010.007	6		
yellow fluorescent	45.020.002	6		



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

**Template**



**63/65pcs**

**1x A - Z , 2x L, N, P, S, 3x A, E, O**

**Numbers 2x 0 - 9, (65 pcs set has arrows 1x straight 1x L bow)**

height	RefNr	Sales Unit	€ piece/pair
150 mm (without arrows)	45.090.001	1	
300 mm	45.090.003	1	

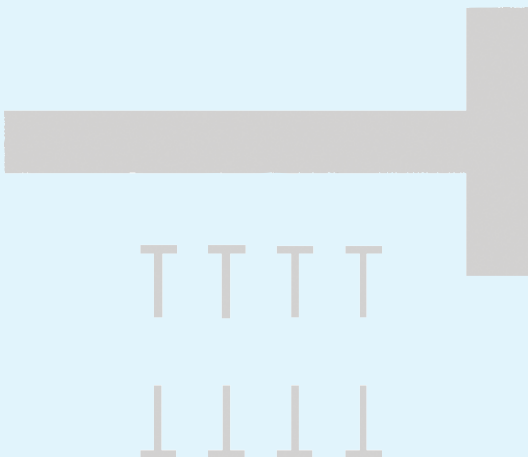
**Handicap Template**



**made of plastic**

66,1 x 55,9 cm	45.090.004	1	
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**T-Line Template**



**made of plastic**

Length: 100 cm Width: 50 cm			
60 mm	45.093.060	1	
120 mm	45.093.120	1	

Floor coating

**Bristle explanation which bristle for which use**

Arenga	Palm fibre heat resistant, dust binding	for coarse and fine dirt
Elaston	Plastic fibre, wet-strength, stable bristle, heat resistant	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
Synthetic Fibre	soft synthetic fibre mostly made of polyethylen, high flexible	for fine, dry dirt
Cocos	soft to rough cocos fibre	for shops if medium to fine dirt or chips

**Arenga - Elaston Broom**

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

50 cm	30.000.050	1	10
60 cm	30.000.060	1	10

**Arenga - Elaston Broom**

**fully equipped special broom in professional design with special handle holder, ideal for sweeping sand, bristle length 75 mm**

50 cm	30.150.028	1	10
60 cm	30.160.028	1	10

**Arenga - Elaston Broom**

**extra fully equipped special broom in professional design with metal handle holder, ideal for sweeping sand, bristle length 75 mm**

50 cm	30.002.050	1	10
60 cm	30.002.060	1	10

**Arenga - Elaston Hand Brush**

**bristle length 75 mm**

Length of the hand brush			
28 cm	30.001.028	1	10
43 cm	30.045.028	1	10

**Elaston Broom**

**wooden frame**

Ø 0,7 mm soft elaston bristle bristle length 75 mm			
60 cm	30.017.060	1	10
Ø 1,2 mm medium hard elaston bristle bristle length 100 mm			
32 cm	30.018.032	1	10
42 cm	30.018.042	1	10
Ø 1,6 mm hard elaston bristle bristle length 100 mm			
40 cm	30.020.040	1	10
50 cm	30.020.050	1	10
60 cm	30.020.060	1	10








Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Elaston Broom</b> 	<b>with handle bracket and scratch blade, bristle length 75 mm</b>					
	40 cm	30.050.040	1		10	
<b>Bahia - Elaston Broom</b> 	<b>fully equipped, bristle length 110 mm</b>					
	40 cm	30.040.040	1		10	
<b>Hall Broom</b> 	<b>fine, soft bristles, bristle length 68 mm</b>					
	50 cm	30.000.051	1		10	
	60 cm	30.000.061	1		10	
<b>Fine Hair Hand Brush</b> 	<b>bristle length 55 mm</b>					
	30 cm	30.001.030	1		10	
<b>Cocos Broom</b> 	<b>bristle length 70 mm</b>					
	40 cm	30.010.040	1		10	
	50 cm	30.010.050	1		10	
	60 cm	30.010.060	1		10	
<b>Cocos Hand Brush</b> 	<b>bristle length 75 mm</b>					
	28 cm	30.001.029	1		10	
<b>Arenga Broom</b> 	<b>bristle length 70 mm</b>					
	50 cm	30.030.050	1		10	
	60 cm	30.030.060	1		10	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Dust Pan</b>		varnished in black, wooden handle 22 cm	30.002.022	1	10	
		made of one piece of metal, galvanised 22 cm	30.002.122	1	10	
<b>Wire Broom</b>		<b>6-row</b> 30 cm	30.100.030	1		
<b>Wire Hand Brush</b>		<b>5-row</b> 30 cm	30.101.030	1		
<b>Wire Scrubbing Brush</b>		<b>6-row</b> 22 cm	30.101.022	1		
<b>Scrubbing Brush</b>		<b>4-row, artificial fiber bristle, stalk hole with thread</b> 30 cm	30.005.029	3		

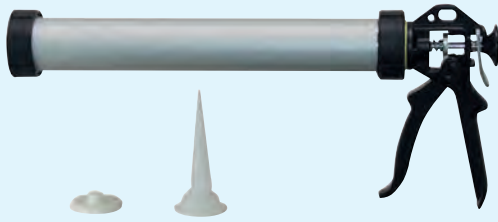
Product	Details	RefN <sup>r</sup>	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Sticks</b>    Telescopic handle page 21	<b>wood</b>					
	<b>Ø 24 mm</b>					
	1,40 m	30.324.140	10			
	1,40 m with metal thread	30.324.141	10			
	1,50 m	30.324.150	10			
	<b>Ø 28 mm</b>					
	1,50 m	30.328.150	10			
1,50 m with metal thread	30.328.151	10				
2,00 m	30.328.200	10				
2,00 m with metal thread	30.328.201	10				
<b>Handle Bracket</b>  	<b>for brooms with wooden back and handle hole; metal plate with U bracket and wing screws</b>	30.311.028	1		10	
<b>Brass Wire Brush</b>  	<b>with plastic handle</b>					
	1-row	30.102.001	1			
<b>Wire Brush</b>  	<b>wire Ø 0,31 mm</b>					
	<b>steel wire, straight</b>					
	2-row	30.102.002	1			
	4-row	30.102.004	1			
	<b>stainless steel, straight</b>					
	3-row	30.102.013	1			
	4-row	30.102.014	1			
	<b>stainless, corrugated</b>					
2-row	30.112.012	1				
4-row	30.112.014	1				
<b>Carpet Clamp</b>  	<b>to tear out carpet</b>	30.280.010	1			

Floor coating

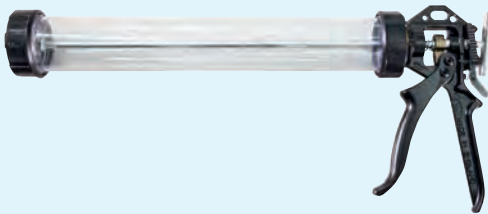
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Floor Joint Cleaner</b>		<b>usable on both sides, for scraping out joints</b>	30.180.010	1		
<b>Floor Scraper</b>		<b>extra stable design with struts, width: 30cm</b>	complete	30.200.030	1	
		replacement blade without frame	30.201.030	1		
		replacement broomstick	30.201.000	1		
<b>Scraper</b>		<b>blade thickness 1,75 mm, with chamfer, broomstick and D-Shape handle, total length 1,34 m</b>	8 cm	30.200.008	1	
<b>Scaling Spatula</b>		<b>blade thickness 1,15 mm, stable, chamfered blade</b>	5 cm	20.410.005	1	12
		7 cm	20.410.007	1		12
<b>Spatula</b>		<b>blade thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm</b>	7 cm	30.203.007	1	
<b>Paint Scraper</b>		<b>2-K grip</b>	50 mm	30.213.050	1	
		replacement carbon steel blade	50 mm	30.213.051	1	10
<b>Paint Scraper</b>		<b>with knob to increase pressure, 2-K grip</b>	64 mm	30.213.064	1	
		replacement blade set with 3 pcs	64 mm	30.213.065	1	
<b>Wallpaper Scraper</b>		30 cm long , blade 10 cm	30.215.010	1		
		replacement blade box with 10 pcs	10 mm	30.215.011	1	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Shovel round</b> 	<b>Frankfurt type</b> oil hardened	30.300.030	1		10	
<b>Shovel flat</b> 	<b>Holstein type</b> oil hardened	30.300.031	1		10	
<b>Shovel Handle</b> 	ash tree shovel handle, acc. DIN 20151 1,30 m	30.300.038	5		10	
<b>Plastic Hand Scoop</b> 	<b>capacity approx.:</b> 0,7 L 1,1 L	30.401.007	1			
		30.401.011	1			
<b>Plastic Hand Scoop Round</b> 	<b>capacity approx.:</b> 1,0 L	30.410.010	1			
<b>Aluminium Hand Scoop Round</b> 	<b>capacity approx.:</b> 0,7 L 1,1 L 1,7 L	30.400.005	1			
		30.400.010	1			
		30.400.017	1			
<b>Scatter Tube</b> 	<b>made of plastic, for approx. 25 kg sand, incl. one carrying strap</b> 20 L Replacement carrying strap	30.500.010	1			
		30.500.015	1			



**Cartouche Gun manually**

**for seal bags and cartridges**

10:1 Pressure/Leverage (for low viscose material e. g. silicone)			
320 ml	30.600.320	1	
600 ml	30.600.600	1	
replacement spare sharp	30.600.601	10	
replacement plate	30.600.602	10	
replacement ring	30.600.603	10	

**Cox Cartouche Gun manually**

**for seal bags and cartridges**

12:1 Pressure/Leverage (low to medium viscose materials)			
310 ml aluminium barrel	30.612.312	1	
600 ml transparent barrel	30.612.600	1	
600 ml aluminium barrel	30.612.612	1	
18:1 Pressure/Leverage (for medium viscose materials)			
310 ml transparent barrel	30.618.310	1	
310 ml aluminium barrel	30.618.312	1	
600 ml transparent barrel	30.618.600	1	
600 ml aluminium barrel	30.618.612	1	

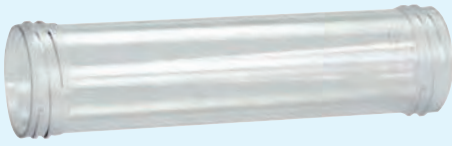
(further cartridge pistols 25:1, 35:1, pneumatic, 2-component on request)

**Cox Cartouche Gun automatic**

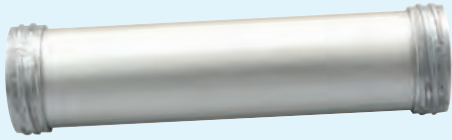

**Extraction pressure of over 200 kg ensures problem-free processing of viscous materials. Its sophisticated electronic control system delivers material in a smooth and precise manner. The speed sensitive trigger switch also enables less experienced operators to produce consistent beads of material on a repeated basis. Non-Drip Auto reverse function: the rod will pull back automatically when the trigger is released preventing material overflow**  
**0,5 hour quick charger, 1x 10.8 V Li Ion battery,**  
**max. pressure 2,5KN (204Kg),**  
**max. speed 9 mm/sec,**  
**net weight 1,86 Kg,**  
**310 ml cartridges or 600 ml sachets**

with case and aluminium barrel			
310 ml	30.681.310	1	
600 ml	30.681.600	1	
Case	30.681.018	1	
Replacement battery 10,8 V	30.681.055	1	
Charger for Cox battery 10,8 V	30.681.059	1	

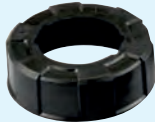
Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

**Spare Parts Cox Cartouche Gun**

 transparent  
310 ml  
600 ml

 30.660.310  
30.660.600

 1  
1

 Aluminium  
310 ml  
600 ml

 30.660.312  
30.660.612

 1  
1


replacement ring

30.660.110

1



pressure plate

30.660.130

1



Nozzle 360° rotatable

30.660.145

1



Nozzle extension 10 cm

30.660.142

1



Nozzle with knife

30.660.148

1



This tube adapter has a coarse thread with cone and knife for tubular bags. No dirty front cover by changing the tubular bag s and no cutting the tubular bag first before putting in the pistol. – Attention: the knife will not work in high viscose materials.

30.660.144

1

Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Wrecking bar</b> 	<b>hexagonal Ø18 mm, hardened tip</b> 50 cm	30.800.051	1			
<b>Carpenter Hammer</b> 	<b>with steel handle, roughened surface, with magnet</b>	28.750.601	1			
<b>Locksmith Hammer</b> 	<b>with ash handle and impact protection, acc. DIN 1041</b> 300 g 500 g	30.800.003 30.800.005	1 1			
<b>Club Hammer</b> 	<b>with ash handle</b> 1000 g	30.800.001	1			
<b>Pointed Chisel</b> 	<b>made of chrome-vanadium steel, hardened and annealed acc. DIN 7256</b> Ø 16 mm 20 cm 25 cm	30.820.016 30.825.016	1 1			
<b>Mason's Chisel</b> 	<b>made of chrome-vanadium steel, hardened and annealed acc. DIN 7256</b> Ø 16 mm 20 cm 25 cm	30.920.016 30.925.016	1 1			
<b>F-Clamp</b> 	<b>malleable iron, span 30 cm, throat depth 12 cm, heavy stable arms, wooden handle</b>	30.881.130	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Waterpump Pliers</b> 	<b>chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless, Made in Germany</b> 240 mm	30.890.240	1			
<b>Pincer Professional</b> 	<b>Made in Germany</b> 200 mm	30.896.200	1			
<b>Tower Pincer Professional</b> 	<b>with dip-paint isolated grip, mouth 20 mm, Made in Germany</b> 250 mm	30.895.250	1			
<b>Tower Pincer Economy</b> 	<b>Import, for opening bucket lids</b> 220 mm	30.895.220	1			
<b>VDE Voltage Tester</b> 	100 mm	30.935.100	1			
<b>Cable tie</b> 	<b>price per pack (100 pcs)</b> 75 x 2,4 mm 100 x 2,5 mm 150 x 2,5 mm 200 x 2,5 mm 300 x 3,6 mm 370 x 4,8 mm	30.925.080 30.925.100 30.925.150 30.925.200 30.925.300 30.925.370	1 1 1 1 1 1			

Floor coating

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

### VDE Screwdriver Set 5pcs



steel S2, HRC 56-60, 1000 Volt, red PPN-grip

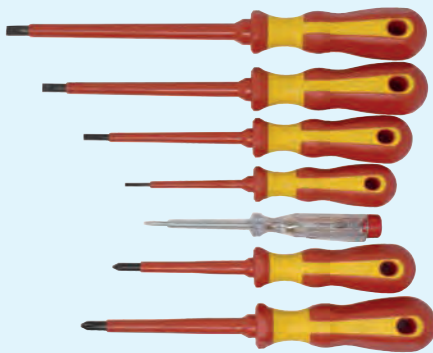
slot blade length: 75 mm blade: 3,0  
100 mm blade: 4,0  
125 mm blade: 5,5

cross blade length: 80 mm blade PH1  
100 mm blade PH2

30.880.115

1

### VDE Screwdriver Set 7pcs



CV-blade, 1000 Volt, 2comp-handle red/yellow, impact resistant

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

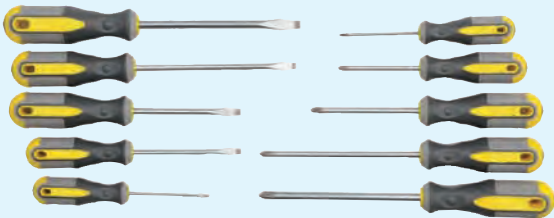
cross blade length: 80 mm blade PH1  
100 mm blade PH2

VDE Voltage Tester

30.880.007

1

### Screwdriver Set 10pcs



CrV-Blade, Softgrip

slot blade length: 75 mm blade: 3,0  
100 mm blade: 6,0  
150 mm blade: 8,0

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

cross blade length: 75 mm blade PH0  
100 mm blade PH2  
150 mm blade PH3

75 mm blade PH1  
150 mm blade PH2

30.878.010

1

### Hex Key






Set of 9 pcs

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

30.878.009

1

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>HSS Steel Drill</b> 	<b>25pcs in steelcase</b> rolled Ø 1,0 - 13,0 mm	30.879.013	1			
	<b>Hammer Drill SDS-Plus</b> for concrete, stone, granite, reinforcement, walleded direction: right  <b>Length 160 mm</b> Ø 6,0 mm 34.772.060 1 Ø 8,0 mm 34.772.080 1 Ø 10,0 mm 34.772.100 1 Ø 12,0 mm 34.772.120 1 Ø 14,0 mm 34.772.140 1 Ø 16,0 mm 34.772.160 1  <b>Length 210 mm</b> Ø 6,0 mm 34.772.206 1 Ø 8,0 mm 34.772.208 1 Ø 10,0 mm 34.772.210 1  <b>Length 266 mm</b> Ø 12,0 mm 34.772.212 1 Ø 14,0 mm 34.772.214 1  <b>Length 300 mm</b> Ø 10,0 mm 34.772.310 1 Ø 14,0 mm 34.772.314 1 Ø 16,0 mm 34.772.316 1 Ø 18,0 mm 34.772.318 1 Ø 20,0 mm 34.772.320 1  <b>Length 450 mm</b> Ø 8,0 mm 34.772.408 1 Ø 10,0 mm 34.772.410 1 Ø 12,0 mm 34.772.412 1 Ø 14,0 mm 34.772.414 1 Ø 16,0 mm 34.772.416 1 Ø 18,0 mm 34.772.418 1 Ø 20,0 mm 34.772.420 1  					
<b>HM Concrete Drill Set</b> 	<b>8pcs in plastic case</b> Ø 3,0 - 10,0 mm	30.880.010	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Pointed Chisel SDS-Plus</b> 	Ø 15 mm	34.777.125	1			
	250 mm					
	Ø 17 mm	34.777.140	1			
	400 mm					
<b>Flat Chisel SDS-Plus</b> 	Ø 15 mm	34.777.225	1			
	250 mm, width 20 mm					
	Ø 17 mm	34.777.240	1			
	400 mm, width 25 mm					
<b>Spade Chisel SDS-Plus</b> 	250 x 40 mm	34.777.325	1			
<b>Level Chisel SDS-Plus</b> 	Ø 15 mm	34.777.425	1			
	250 mm					
<b>Pointed Chisel SDS-Max</b> 	Ø 18 mm	34.779.125	1			
	280 mm	34.779.140	1			
	400 mm					
<b>Flat Chisel SDS-Max</b> 	Ø 18 mm, length 40 cm	34.778.240	1			
	width	34.778.245	1			
	25 mm					
	50 mm					
<b>Carbide Tipped Core Bit</b> 	suitable for sockets/junction box, SDS-Plus connection	30.875.060	1			
	Ø 66 mm	30.875.080	1			
	Ø 80 mm					



### International Protection Degree

	Code IP	First Digit 5	Second Digit 4
0	No special protection to prevent infiltration by solid objects	0	No protection
1	Protection against solid objects greater than 50 millimeters	1	Protection against vertically dripping water
2	Protection against solid objects greater than 12.5 millimeters in diameter	2	Protection against water dripping at an angle
3	Protection against solid objects greater than 2.5 millimeters in diameter	3	Protection against spray water
4	Protection against solid objects greater than 1 millimeter in diameter.	4	Protection against splash water
5	Dust protected	5	Protection against water jets
6	Dust sealed	6	Protection against water strong water jets
		7	Protection against temporary immersion
		8	Protection against continuous immersion

### Cable Quality

Specification code									
H	05	R	N	-	F		3	G	1,5
1	2	3	4		5		6	7	8
1	Type	H =	Harmonisierte Leitung						
2	Nominal voltage	03 =	300 / 300 V						
		05 =	300 / 500 V						
		07 =	150 / 750 V						
3	Sheat material	V =	PVC						
		V3 =	PVC, kältebeständig bis -35C						
		R =	Natur- oder Synthetik-Kautschuk						
		S =	Silikon-Kautschuk						
		B =	Synthetik-Kautschuk						
4	Sheat material	V =	PVC						
		V3 =	PVC, kältebeständig bis -35C						
		R =	Natur- oder Synthetik-Kautschuk						
		N =	Neopren-Kautschuk						
		J =	Glasfasergeflecht						
		T =	Textilbeflechtung						
		Q =	Polyurethan						
5	Type of conductors	U =	Runder, eindrätiger Leiter						
		R =	Runder, mehrdrätiger Leiter						
		K =	Feindrätig für bewegliche Leitungen						
		F =	Feindrätig für bewegliche Leitungen						
		H =	GFeinstdrätig für bewegliche Leitungen						
		Y =	Lahnlitzenleiter						
6	Number of cores								
7	Protective conductor	G =	without protective conductor						
		X =	with green/yellow grounding conductor						
8	Nominal cross section of conductor in mm <sup>2</sup>								

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>LED Flashlight</b>		<b>250 lumens IP 44 160 m lighting range including 3 AAA batteries and belt clip</b>	99.497.021	1		
<b>LED Light</b>		<b>Epistar chip, Mask, IP 65, performance factor 0,95, color reproduction &gt;70, color temperature 4000K - neutral white, life time &gt;50000 h, blue frame stand, 120°beam angle, 2 m cable H05RN-F-3G1,0 with EU plug</b>	4000 lm approx. 300 Watt (Halogen) 8000 lm approx. 600 Watt (Halogen)	99.461.050 99.462.100	1 1	
<b>Mobile LED Work Light</b>		<b>with illuminated on/off switch and integrated handle, splash proofed socket with self closing protective caps Protection class I</b>	<ul style="list-style-type: none"> <li>- glare free light</li> <li>- on/off switch</li> <li>- IP 54</li> <li>- color temp. 5800 K (daylight white)</li> <li>- acc. BGI 608</li> <li>- 5 m oil resistant cable H07RN-F 2x1,0</li> </ul>	8100 lm	99.465.070	1
<b>Mobile LED Work Light Professional</b>		<b>with Osram LED's, foldable bracket, adjustable to tripod, robust plastic case, for indoor and outdoor use</b>	<ul style="list-style-type: none"> <li>- incl. splash proofed socket</li> <li>- on/off switch</li> <li>- continuously dimmable (10-100%)</li> <li>- IP 54</li> <li>- color temperature 5000 K</li> <li>- 5 m cable H07RN-F-3G1,5</li> </ul>	8300 lm 12000 lm	99.468.080 99.468.120	1 1

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

**Mobile LED Work Light with tripod**

**Mobile LED work light with adjustable tripod**

- continuously swivelling
- IP 65
- color temperatur 6500 K
- 1,15 bis 1,80 m heighth of tripod
- 5 m cable H07RN-F3G1,0

4770 lm

99.467.050

1

**Mobile LED Work Light Shield 360°**


**with height-adjustable steel tripod. For indoor and outdoor use and for use on construction sites. Incl. carrying bag**

- on/off switch
- continuously dimmable 25/50/75/100 %
- IP 65
- color temperature 6500 K
- up to 3,00 m tripod height
- 6,7 m cabel H07RN-F 3G1,0

23500 lm

99.469.200

1

**Replacement Lamp**


- Replacement halogen lamp
- 400 Watt
- 1000 Watt
- 1500 Watt

99.400.051

1

5

99.410.151

1

5

99.400.151

1

5

Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Extender Cable 220V, black</b> 	<b>Quality building site cable IP44 for outside use , on construction site, trade and industry, with earthed plug and socket, 40 m cable on request</b>					
	H07RN-F 3G1,5					
	10 m	31.561.010	1			
	25 m	31.561.025	1			
	H07RN-F 3G2,5					
10 m	31.561.110	1				
25 m	31.561.125	1				
<b>Extender Cable 220V, red</b> 	<b>Quality building site cable IP44 for outside use, on construction site, trade and industry. With earthed plug and socket.</b>					
	H07RN-F 3G1,5					
	10 m	31.562.010	1			
25 m	31.562.025	1				
<b>Extender Cable 220V, orange</b> 	<b>Quality PU-building site cable IP44 for use outdoors, on construction sites, in workshops and industry. With earthing contact plug and coupling with sealing capacid and oil resistant, weather and microbe resistant. Cold resistant up to -40°C</b>					
	H07BQ-F 3G1,5					
	10 m	31.563.010	1			
	25 m	31.563.025	1			
	H07BQ-F 3G2,5					
25 m	31.563.125	1				
<b>Extender Cable 220V, black, with Powerblock</b> 	<b>Heavy-duty cable IP 54 with Powerblock 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</b>					
	H07RN-F 3G1,5					
	5 m	31.584.005	1			
10 m	31.584.010	1				
<b>Powerblock Professional 220V</b> 	<b>ergonomic, impact-resistant, breakproof and robustly designed</b>					
	<ul style="list-style-type: none"> <li>- rubber-neopren cabel H07RN-F 3G1,5</li> <li>- visual operating indicator</li> <li>- 2 hinged metal hooks</li> <li>- fastening strap</li> <li>- for universal outdoor use and permanent use on sites IP54</li> <li>- 4 water-jet protected earthed socket outlets with self-closing protective caps</li> </ul>					
H07RN-F 3G1,5						
15 m	31.587.015	1				

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

**CEE Extender Cable 16A**

**CEE extension cable black 16A, IP44, suitable for construction sites, workshops and industry. Special rubber cable with CEE plug and coupling with cap and phase inverter plug**

 H07RN-F 5G1,5  
 10 m  
 25 m

31.571.010	1		
31.571.025	1		

**CEE Extender Cable 16A, PU**

**CEE extension cable IP44, suitable for construction sites, workshops and industry. Polyurethane outer sheath with CEE plug and coupling with sealing cap, temperature resistant -40 to + 80 °C, with phase inverter plug**

 H07BQ-F 5G1,5  
 10 m  
 25 m  
 H07BQ-F 5G2,5  
 10 m

31.573.010	1		
31.573.025	1		
31.573.110	1		

**CEE Extender Cable 32A**

**CEE extension cable IP44, suitable for construction sites, workshops and industry. Special rubber cable with CEE plug and coupling with cap, with phase inverter plug**

 H07RN-F 5G4  
 10 m  
 25 m

31.575.010	1		
31.575.025	1		

**CEE Extender Cable 32A, PU**

**CEE extension cable IP44, suitable for construction sites, workshops and industry. PU cable with CEE plug and coupling with cap, with phase inverter plug**

 H07BQ-F 5G4  
 10 m  
 25 m

31.577.010	1		
31.577.025	1		

Floor coating

### Cable Drum Eco, 220V/16A



For use on construction sites and outdoors

Plastic drum body Ø 285 mm

- Insulated loop handle with non-slip plastic profile
- Can be used standing and lying
- Rotation stop switch
- VDE thermal protection switch and 3 safety sockets with
- Safety hinged covers and hammer signs
- Function LED green and red
- Plug parking station
- Degree of protection IP 44
- Cable quality rubber neoprene
- Cable color: black

H07RN-F 3G1,5

40 m

31.500.040

1

### Cable Drum Metal, 220V/16A



made for construction site and use for outside conditions, acc .BGI 608

- Drum made of highly unbreakable special plastic
- Very strong, shock absorbent, plastic-coated double tubular frame
- Ergonomic handle
- Big tightening knob to block the drum
- Overheating protection by thermal switch
- 4 socket outlets 2PE 16A/230V, with safety hinged cover and hammer symbol self-closing protective caps
- cold resistant to -25°C
- cable length 25 m
- cable drum Ø 290 mm

H07RN-F 3G1,5

25 m

31.501.025

1

### Cable Drum, 220V/16A



Professional drum with a body and reel made of Rubbabren, an extremely shock- and impact-resistant plastic and rubber mix.

For permanent use in toughest conditions.

- Pro-reel with rollover protection on all sides.
- Stable on all four sides, perfect cable management from all four sides.
- Large, sturdy fold-down turning handle rolls cables in and out effortlessly.
- Sturdy carrying handles and plug storage compartments on all four sides.
- Cold-resistant to -25 °C.
- RN cable is very robust, oil resistant and especially suited for professional use and on site.
- 4 water-jet protected earthed socket outlets with self-closing protective caps.
- With extra robust earthed plug.
- Thermal cut-out protection, indicator shows overheating or overloading.
- visual readiness indicator in the socket insert.
- IP: 44
- Cable color: orange

H07BQ-F 3G2,5

33 m

31.505.133

1



**Cable Drum Metal, 220V/16A**

**For use on construction site and outdoor use, IP 44.**

- Drum body made of sheet steel with special protective insulation, galvanized, sturdy carrying frame
  - Ergonomic handle
  - with patented cable routing
  - Parking brake
  - VDE thermal circuit breaker and 3 socket outlets with safety hinged lids and hammer marks
  - RN cable is very robust, resistant to oil and particularly suitable for professional use
  - Cable color: Black
- Certificated EN 61242, DIN VDE 0620-1, DIN EN 50525-2, IEC 60309, DGUV-I 203-006 (former BGI 608)**  
**Rolled up: 1000 Watt**  
**Unrolled: 3600 Watt**

H07RN-F 3G2,5

25 m

31.502.125

1

40 m

31.502.140

1

**Cable Drum Pro, 220V/16A**

**For use on construction site and outdoor use, IP 44. Drum Ø 290 mm**

- 1 CEE plug 400V/16A
  - 2 water-jet protected sockets 220V
  - Reel body made from special Breflex plastic on a galvanized frame
  - 3-pin safety cut-out and thermal overload protection
  - Ergonomic handle and axle
  - for precision cable-management when winding and rewinding
  - 3 year manufactures guarantee
- Correspond: BGI 608, VDE 0100 Teil 704**

H07RN-F 5G1,5

30 m

31.515.030

1

H07RN-F 5G2,5

20 m

31.525.020

1



**Small Energy Station 16 A approx. 11 kW**


compact power distributor for construction site and outdoor use, IP44, housing made of special plastic highly resistant to breakage with a cable winder and carrying handle made of powder-coated metal

- plug CEE440V/16A
- 2 sockets CEE 400V/16A
- 4 sockets 250V/16A
- RCD 40 A, 30 mA

Tested according DIN VDE 0620-1, ICE 60309, EN 60439-4, DIN VDE 0282-4

H07RN-F 5G2,5

2 m no FI	31.607.001	1		
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2 m with FI	31.607.010	1		
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**Portable Residual Current Protective Device – Safety**


the PRCD-S fulfills the requirements of DGUV-Information 203-006 (formerly BGI 608) as the only portable protective device to a permissible connection point (feed point). The PRCD-S allows the safe removal of current from existing sockets and is plugged like an extension cable between the consumer and the outlet and detects all electrical errors in both directions. The professional associations call for protective distributors and portable protective devices with protective conductor monitoring (PRCD-S) as the feed point on small construction sites.

1,5 m H07RN-F-3G2,5 cable, max 3500 W; protected with 1 x ground fault circuit interrupter 25A, 30mA und 1 x conductor monitoring modul SLUP1P	31.590.230	1		
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2,0 m H07RN-F 5G2,5 cable, max 11000 W; 2 CEE power sockets 400 V, 16 A and 4 power sockets 230V, 16 A, protected with 1 x ground fault circuit interrupter 25A, 30mA und 1 x conductor monitoring modul SLUP1P	31.590.400	1		
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**Construction Site Power Unit 32 A 22 kW with RCD**


a closed housing substructure with a ground clearance of 77 mm prevents water ingress. Easy interchange of attachable sockets. Housing lid with quick-release, stainless-steel closure. Contact-protected according to BGV A2, also with the lid open. Additional security through installation of a screw or padlock

- 2 m heavy duty rubber cable H07RN-F 5G6
- plug CEE 400V, 32A, 5-pole
- 3 shock-proof socket outlets 230 V, 16 A
- 2 CEE socket 400 V, 16 A, 5-pole
- 1 CEE sockets 400 V, 32 A, 5-pole

Protection: 1 x RCD 40 A, 30 mA, 4-pole, typ A  
 3 x circuit breaker C 16 A, 1-pole  
 1 x circuit breaker C 16 A, 3-pole

Safety standards: tested according to DIN VDE 0620-1, IEC 60309, EN 60439-4, DIN VDE 0282-4, Class IP 44 – Suitable for construction sites

H07RN-F 5G6 2 m mit FI	31.616.043	1		
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Product Details RefNr Sales Unit € piece/pair Sales Unit € piece/pair

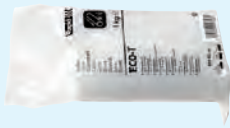
**Hot Glue Gun**



wireless, with battery and charger, incl. case, with 6 glue sticks Ø 12 mm, heating phase: 3 minutes, Glue delivery rate: 250g / h, working temperature: 180-200 degrees

86.110.039	1		
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**Glue Sticks**



transparent, length 19 cm, Ø12 mm, universal use

pot life  
30-60 sec  
60-90 sec

86.110.060	1		
86.190.060	1		

**Heat Gun**



for removing paint, perfect for shrinking and shaping plastic pipes during installation work, thawing frozen pipes and locks, for professional and manual use. With suitcase.

Air volume l / minute 500 l / min  
Temperature °C 45/550 °C

2000 Watt

86.300.211	1		
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Floor coating

**Collomix Mixing Tool**

**1150 Watt, electronic speed control, 1 gear machine  
1. gear 670 rpm suitable up to 40 L**

WK120 stirrer

HEXAFIX® coupling

00.025.100

1

M14 coupling

00.025.106

1

**1500 Watt, electronic speed control, 2 gear machine  
1. gear 420 rpm, 2. gear 590 rpm, suitable up to 60 L**

WK140 stirrer

HEXAFIX® coupling

00.025.118

1

M14 coupling

00.025.124

1

MK140 stirrer

HEXAFIX® coupling

00.025.130

1

M14 coupling

00.025.136

1

**1750 Watt, electronic speed control, 2 gear machine,  
1. gear 400 rpm, 2. gear 560 rpm, suitable up to 90 L**

MK160 stirrer

HEXAFIX® coupling

00.025.142

1

M 14 coupling

00.025.148

1

coupling adapter HEXAFIX® for  
single paddle mixer

00.049.522

1

**Collomix Compulsory Mixer**

**with two counter-rotating mixing tools for heavy material  
1-gear machine**
360 rpm, MKD 120HF stirrer  
1200 Watt (up to 50 liter)

00.025.154

1

450 rpm, MKD 140HF stirrer  
1600 Watt (up to 90 liter)

00.025.160

1

**Mixing tool for Collomix Xo duo**
MKD 100 HF  
Ø 180 mm for 15-50 kg (10-30 Liter)

00.040.060

1

MKD 120 HF  
Ø 190 mm for 30-80 kg (20-50 Liter)

00.040.070

1

MKD 140 HF  
Ø 210 mm for 60-145 kg (40-90 Liter)

00.040.080

1

Hexafix® Quick-Action Coupling  
turquoise (right)

00.049.545

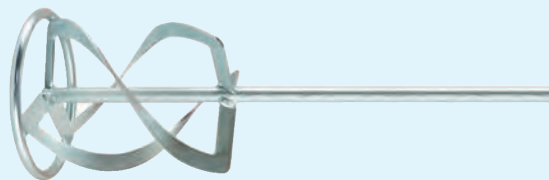
1

red (left)

00.049.541

1

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

**MK Stirrer**


for all heavy, highly viscous materials such as quartz sand-filled synthetic resins  
length 59 cm, height of cage 14/17/21 cm  
Mixing direction: downside up

hexagonal coupling				
Ø 120 mm for 15-25 kg	00.031.224	1		
M14 coupling				
Ø 120 mm for 15-25 kg	00.031.324	1		
Ø 140 mm for 25-35 kg	00.031.326	1		
Ø 160 mm for 35-60 kg	00.031.327	1		
HEXAFIX® coupling				
Ø 120 mm for 15-25 kg	00.040.114	1		
Ø 140 mm for 25-35 kg	00.040.115	1		
Ø 160 mm for 35-60 kg	00.040.116	1		

**WK Stirrer**

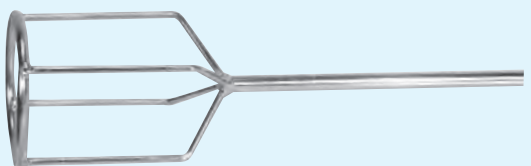

for tough, sticky materials such as tile adhesive, adhesive mortar, finished plaster, fillers etc., height of cage 12/15/16 cm  
Mixing direction: downside up

hexagonal coupling				
length 40cm Ø 100 mm for 10-20 kg	00.041.248	1		
length 60cm Ø 120 mm for 15-25 kg	00.041.247	1		
M14 coupling, length 60 cm				
Ø 120 mm for 15-25 kg	00.041.269	1		
Ø 140 mm for 25-35 kg	00.041.319	1		
Ø 160 mm for 50-90 Kg	00.041.619	1		
HEXAFIX® coupling, length 60cm				
Ø 120 mm for 15-25 kg	00.040.112	1		
Ø 140 mm for 25-35 kg	00.040.113	1		
Ø 160 mm for 35-60 kg	00.040.123	1		

**Spiral Stirrer without Guard Ring**

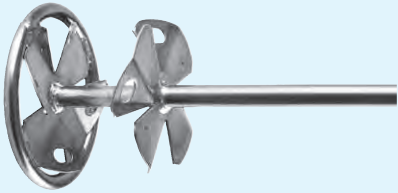
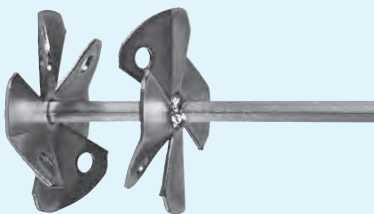
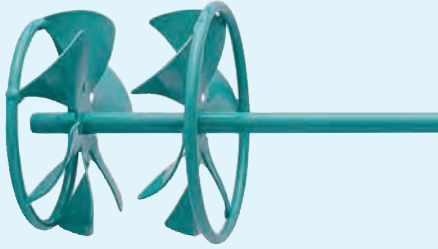
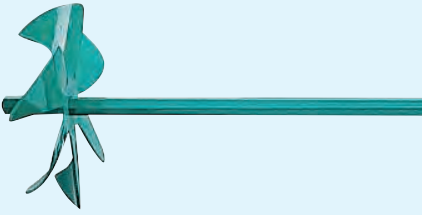
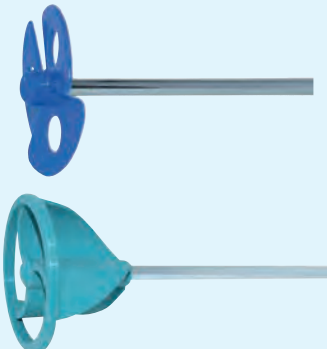

Suitable for tile adhesives, construction adhesives, ready-mixed mortar and plaster, fillers, screed, cement, etc., length 60 cm, height of cage 10 cm  
Mixing direction: downside up

hexagonal coupling				
Ø 85 mm for 10-15 kg	00.031.085	1		
Ø 100 mm for 15-20 kg	00.031.320	1		

**KR Stirrer**


Particularly suitable for self-leveling fillers and leveling compounds (ARDEX, PCI, UZIN ...), as well as adhesives and sealants, bitumen coatings, putty, epoxy resin coatings, etc.  
high shear stirrer, length 59 cm,  
basket height 16 / 17.5 / 18.5 cm  
Mixing direction: turbulence

hexagonal coupling				
Ø 90 mm for 5-15 kg	00.041.621	1		
M14 coupling				
Ø 120 mm for 15-25 kg	00.031.024	1		
Ø 140 mm for 20-35 kg	00.041.635	1		
Ø 160 mm for 35-50 kg	00.041.636	1		
HEXAFIX® coupling				
Ø 120 mm for 15-25 kg	00.041.732	1		
Ø 140 mm for 20-35 kg	00.041.735	1		
Ø 160 mm for 35-50 kg	00.041.736	1		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Double-Disk Stirrer with Guard-Ring</b> 	<b>for liquid materials such as paints, coatings, pure epoxy resin mixtures, liquid plastics and thin-bed adhesive mortars, length approx. 59 cm</b> <b>Mixing direction: upside down</b>	M14 coupling				
		Ø 140 mm für 25-35 kg Ø 160 mm für 35-60 kg	00.033.140 00.033.160	1 1		
<b>Double-Disk Stirrer without Guard-Ring</b> 	<b>for liquid materials such as paints, coatings, pure epoxy resin mixtures, liquid plastics and thin-bed adhesive mortars,</b> <b>Mixing direction: upside down</b>	hexagonal coupling, length 50 cm				
		Ø 80 mm for 5-10 kg M14 coupling, length 60 cm	00.031.080 00.031.120	1 1		
		Ø 120 mm for 15-20 kg Ø 150 mm für 20-30 kg	00.031.150	1		
<b>DLX Stirrer</b> 	<b>specially developed for the optimum preparation of paints, dispersions, fibre containing materials, thin-bed mortar and gypsum plaster. The two turbine blades, fitted one above the other, provide a strong splash free flow of material from the top to the side and prevent the formation of lumps due high rotation speed.</b> <b>length approx. 58 cm,</b> <b>Mixing direction: upside down</b>	HEXAFIX® coupling				
		Ø 120 mm for 15-30 Liter Ø 150 mm for 30-50 Liter	00.040.109 00.040.983	1 1		
		M14 coupling Ø 120 mm for 15-30 Liter Ø 150 mm for 30-50 Liter	00.040.974 00.040.984	1 1		
<b>Single Disk Stirrer</b> 	<b>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.</b> <b>Mixing direction: downside up</b>	hexagonal coupling, 10 mm, length 50 cm				
		Ø 90 mm for 5-10 kg hexagonal coupling, 13 mm, length 59 cm	00.040.950 00.040.960	1 1		
		M14 coupling, length 59 cm Ø 120 mm for 15-25 kg	00.040.970	1		
<b>Disc stirr bar plastic</b> 	<b>for low-viscosity materials such as paints, varnishes and glazes</b>	hexagonal coupling, length 37 cm				
		Ø 60 mm hexagonal coupling, length 40 cm Ø 80 mm	00.040.760 00.040.780	1 1		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Bitumen Stirrer (Anchor Mixer)</b> 	<b>for 1- and 2-component bitumen coatings and bituminous fillers, length 60 cm, basket height 12 cm</b> <b>Mixing direction: parallel, and depending on material consistency undertow with upside down</b>	HEXAFIX® coupling Ø 170 mm for 25-40 Liter	00.040.140	1		
		M14 coupling Ø 170 mm for 25-40 Liter	00.040.141	1		
<b>Paint Stirrer Economy</b> 	<b>for thin materials such as paints, varnishes, primers, etc.,</b> <b>Mixing direction: downside up</b>	hexagonal coupling length 40 cm Ø 60 mm up to 5 kg	00.040.186	1		
		Ø 80 mm up to 10 kg	00.040.188	1		
		length 60 cm Ø 100 mm up to 20 kg	00.040.189	1		
<b>Paint Stirrer</b> 	<b>for thin materials such as paints, varnishes, primers, etc.</b> <b>Mixing direction: downside up</b>	hexagonal coupling length 40 cm Ø 60 mm up to 5 kg	00.040.880	1		
		Ø 80 mm for 5-10 kg	00.040.881	1		
		length 59 cm Ø 100 mm for 10-20 kg	00.040.882	1		
		Ø 120 mm for 20-30 kg	00.040.883	1		
		HEXAFIX® coupling, length 59 cm Ø 120 mm for 20-30 kg	00.040.102	1		
		M14 coupling, length 59 cm Ø 100 mm for 10-20 kg Ø 120 mm for 20-30 kg	00.040.884 00.040.886	1 1		
<b>Can/Tin Stirrer</b> 	<b>length 70 cm</b>	M14 coupling Ø 50 mm	00.040.151	1		
<b>Spiral Stirrer</b> 	<b>especially for effortless mixing directly in cartridges.</b> <b>Ideal for mixing 2K sealing compounds, 2K PUR casting compounds, adhesives, etc.</b> <b>Length 60 cm, chuck holder at least 10 mm</b>	Ø 45 mm	00.040.148	1		
<b>Spiral Stirrer</b> 	<b>due to the foldable wings, the strirrer can be put through the 2" bung of a 200l barrel</b>	Ø 220 mm, length ca. 1,05 m, coupling Ø 10 mm	00.042.105	1		



**Flake Hopper Gun**


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

87.001.200	1		
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**Flake pistol battery**


**via a hose, the flakes (from bucket / litter pan etc) get aspirated, passed through  
the device and blown out the front. With strap.  
Chip size from 0.5 to 5 mm possible**

Complete set (incl.battery power set)	87.003.001	1	
Power Source Kit (2 lithium-ion batteries 18V / 5.0 Ah, 1 charger)	87.003.102		
Battery Rechargeable Lithium-Ion 18V 5Ah	87.003.112		
Quick Charger	87.003.113		



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Plastic Bucket</b> 	<b>Made from high-grade polyethylene regenerate mixture, black, galvanised bracket</b>					
	12 L	99.100.012	5			
	20 L	99.100.020	5			
<b>Mixing Bucket</b> 	30 L height 37 cm	99.200.030	5			
	Lid	99.200.036	5			
<b>Cleaning Spatula</b> 	45 cm	20.305.145	1			
<b>Mixing Bucket</b> 	75 L height 52 cm	99.205.075	1			

Floor coating

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Mixing Barrel</b> 	<b>black</b>					
	65 l Dimensions inside (outside) top: 53 (58,5)cm bottom: 44,5 (46,5)cm height: 34 (34,5)cm	99.200.065	3			
	90 l Dimensions inside (outside) top: 57 (64,5) cm bottom: 48 (50) cm height: 38 (40) cm	99.200.090	3			
<b>Mixing Barrel</b> 	<b>with alu-ring Colour: white/nature, Material: PE-HD</b> <b>Temperature resistance: between 30 °C up to +50 °C short term for cleaning up to +90 °C</b>					
	80 L Dimension inside (outside) top: 60 (65) cm, bottom: 49 (50) cm, height: 38 (40) cm	99.200.080	1			
<b>Sieve</b> 	mesh 3 mm Ø 25 cm	30.551.008	1			
<b>Drum Tap</b> 	Cast Iron 2"	99.500.102	1			
	Polyethylene 2"	99.500.202	1			
	Polyethylene 3/4"	99.500.203	1			
	rubber seal for 2" PE Tap	99.510.102	1			

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

**Barrel Plug key**


length 36 cm

99.500.301	1		
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**Barrel Dump**

**Barrel Tip-Support for lifting, storing and filling of 200l barrels, size 68 x 80 cm**

 incl. lifting / transport rod  
(without barrel and belt)

99.500.410	1		
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**Bucket Carrier**


- anti-slip rubber coating
- with two axle- and rotary wheels
- ergonomic handle rotatable by 90°
- robust construction, loadable up to 150 kg
- easily stowable due to folding function
- material: metal, powder-coated
- weight: 8 kg
- Dimensions: 83 x 47,5 x 73 cm ( H x W x D )
- Dimensions folded: 21 x 47,5 x 73 cm ( H x W x D )
- Dimensions loading space: 47,5 x 73 cm ( W x D )

 platform 73 x 48 cm  
max weight 150 kg

46.110.150	1		
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Floor coating

### Which abrasive on which substrate:

#### Diamond-coated cutting / grinding wheels

The type of metal powder, the proportion of diamond and the diamond quality, as well as the type of the bonding between the segment and the master sheet determine the quality sleekness and the service life of a diamond cutting / grinding wheel. So it will be a hard bonding chosen for „soft“ substrates such as screed. A soft bonding is chosen for „hard“ substrates such as very old concrete. In between there is gradations. Here the user has to decide which one based on the surface „Bonding“ is the right one. If the wrong choice is made, there is no grinding performance because the bond does not release the diamond or the bond is broken immediately by the grinding surface loosened and the diamonds rub unused out of the bond. With the metal base body (so-called master blade) of the diamond cutting disc, so-called segments associated with embedded industrial diamonds, which have a higher separation performance than conventional cutting discs. For high quality it is connection welded with the laser there are also brazed and sintered washers.

#### Corundum

Corundum is the most commonly used abrasive. Its important properties hardness and toughness depend on its purity, which can already be recognized by its color. While hardness, and thus brittleness, increase with the degree of purity, increases the toughness due to the addition of metal oxides and the cooling rate at manufacture of the abrasive. Depending on the composition of the properties, it becomes noble corundum divided into the following types:

- White corundum consists of over 99.9% Al<sub>2</sub>O<sub>3</sub> (aluminum oxide). Because of his high hardness and heat resistance up to 2000 ° C make high-grade corundum suitable for tough ones steels over 60HRC (tool steel), for grinding and polishing glass, all steels who need a cool cut.
- Precious corundum pink has low levels of foreign matter, which makes it slightly higher grain toughness and use for shape and profile grinding due to allow higher edge strength. Otherwise it corresponds to high-grade corundum.
- Ruby corundum also contains admixtures of soluble metal oxides, especially Cr<sub>2</sub>O<sub>3</sub> (Chromium (III) oxide). Highest toughness allows grinding of high-alloy steels.
- Normal corundum is brown and has over 94% Al<sub>2</sub>O<sub>3</sub>. His area of application are predominantly unalloyed and low-alloy steels as well as cast steel and gray cast iron. Its toughness also allows high contact forces on the workpiece.
- Zirconium corundum contains 10–40% zirconium oxide. The zirconium corundum is mixed with normal corundum and into grinding wheels for high pressure grinding processed. This enables the highest chip removal volumes.

#### Silicium carbide

Silicium carbide is heat-resistant up to approx. 1600 °C and is characterized by its hard, sharp-edged crystals. An abrasive grain usually consists of only one or a few crystals. It is harder and more brittle than corundum. The application area includes non-ferrous metals, stainless steels, ceramic and mineral materials such as concrete and natural stone and high carbon steels. Silicon carbide tends to be exposed to high temperatures to deliver carbon atoms to receptive substances such as iron. Besides there are it is the higher quality green silicon carbide for processing glass, porcelain, marble, precious stone, artificial stone and for the fine processing of light and non-ferrous metals as well as leather.

#### Silicium carbide grinding ring



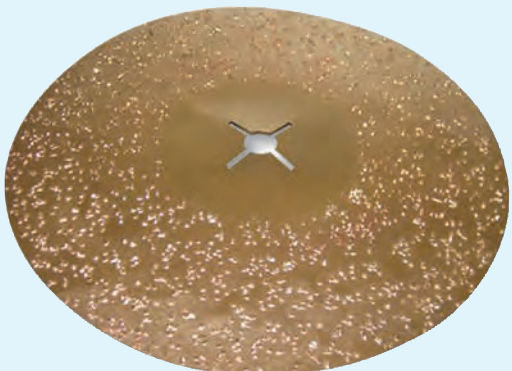
for grinding concrete and cement screed  
with 12 M12 threads, Ø 400 mm

Granulation 16

52.410.016

1

#### Carbide Disc



Double Sided Metal Sanding Disc, hole diameter 25 mm

Ø 400 mm

Granulation coarse

52.H40.16

1

Granulation medium coarse

52.H40.24

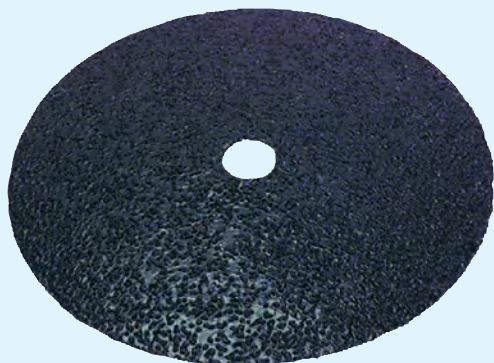
1

Granulation fine

52.H40.36

1

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

**Double Sided Sanding Disc**

**with silicium carbide**
**Ø 375 mm**

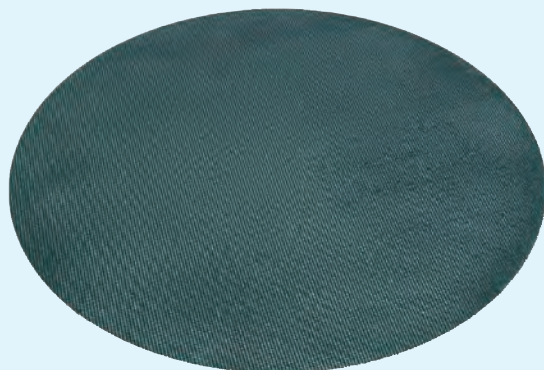
Granulation 12	52.375.12	10		
Granulation 16	52.375.16	10		
Granulation 24	52.375.24	10		
Granulation 40	52.375.40	10		
Granulation 60	52.375.60	10		
Granulation 80	52.375.80	10		
Granulation 100	52.375.100	10		
Granulation 120	52.375.120	10		

**Ø 400 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 100	52.400.100	10		
Granulation 120	52.400.120	10		

**Ø 430 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 100	52.430.100	10		

**Sanding Screen**

**for sanding paints, resins and wood with silicium carbide  
Ø 375 mm on request**
**Ø 400 mm**

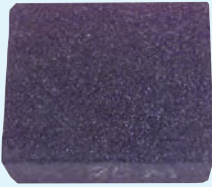
Granulation 60	52.240.060	10		
Granulation 80	52.240.080	10		
Granulation 100	52.240.100	10		
Granulation 150	52.240.150	10		
Granulation 180	52.240.180	10		
Granulation 220	52.240.220	10		


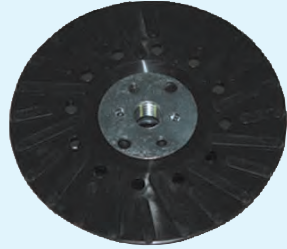
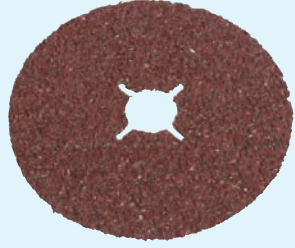


**Ø 430 mm**

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		

Floor coating



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Grinding Segments</b> 	<b>made of silicium carbide, with 2 inside threads M6, 90x75x40mm</b>					
	Granulation 20	55.090.720	1			
<b>Grinding Pot</b> 	<b>for concrete, stone und masonry, made of silicone carbide, Ø110mm 50m/s max. rotation, hole 22,2 mm</b>					
	no thread					
	Granulation 16/24	54.110.916	2			
	Granulation 24/36	54.110.924	2			
	with thread M14					
	Granulation 16	54.120.916	2			
<b>Hand Grinder</b> 	<b>made of silicium carbide</b>					
	15 x 5 x 5 cm, synthetic resin bond					
	Granulation 16	53.300.003	1			
	Granulation 24	53.300.002	1			
	10 x 20 x 3 cm, ceramic bond					
	Granulation 40	53.300.001	1			
<b>ZEC-Grinding Disc</b> 	<b>with silicium carbide</b>					
	<b>Ø 115 mm</b>					
	Granulation 16	52.115.016	5			
	Granulation 24	52.115.024	5			
	Granulation 36	52.115.036	5			
	<b>Ø 125 mm</b>					
	Granulation 16	52.125.016	5			
	Granulation 24	52.125.024	5			
	Granulation 36	52.125.036	5			
	<b>Ø 178 mm</b>					
	Granulation 16	52.178.016	5			
	Granulation 24	52.178.024	5			
Granulation 36	52.178.036	5				
<b>Grinding Mop Disc</b> 	<b>zirconium corundum on glasfibre disc</b>					
	<b>Ø 115 mm</b>					
	Granulation 40	52.115.440	10			
	Granulation 60	52.115.460	10			
	Granulation 80	52.115.480	10			
	<b>Ø 125 mm</b>					
	Granulation 40	52.125.440	10			
	Granulation 60	52.125.460	10			
Granulation 80	52.125.480	10				

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Cleaning Disc</b> 	<b>suitable for removing paint/varnish from steel and cleaning weldseam, max. 63 m/s rpm</b>	Ø 125 mm	52.125.801	5		
<b>Supporting Plate</b> 	<b>plastic, supports ZEC grinding disc</b>	Ø 125 mm	52.125.000	1		
<b>Flexible Grinding Disc</b> 	<b>corundum in synthetic resin bonding, flat cross cut hole 22 mm</b>	<b>Ø 125 mm</b> Granulation 16 Granulation 24 Granulation 40 Granulation 60 Granulation 80 <b>Ø 178 mm</b> Granulation 16 Granulation 24 Granulation 40 Granulation 60 Granulation 80	53.125.016 53.125.024 53.125.040 53.125.060 53.125.080 53.178.016 53.178.024 53.178.040 53.178.060 53.178.080	50 50 50 50 50 50 50 50 50 50		
<b>Sanding Drum E-Paper</b> 	<b>220-270 g, coated with aluminium oxide, synthetic resin bonded, 115 mm x 50 m</b>	Granulation 180	53.415.180	1		
<b>Sanding Paper flexible C-Paper</b> 	<b>flexible 110-135 g, coated with aluminium oxide, synthetic resin bonded, 230 x 280 mm</b>	Granulation 60 Granulation 80 Granulation 120	53.400.060 53.400.080 53.400.120	5 5 5		

Floor coating



## Sanding Disc Velcro



coated with aluminium oxide, synthetic resin bonded, perforated

## Ø 115 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		

## Sanding Disc Velcro Economy

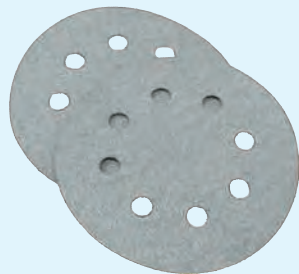


perforated

## Ø 125 mm

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 Disc Velcro



silicium 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

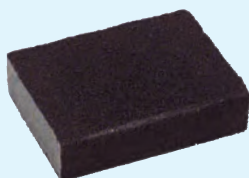
Granulation 180	53.525.180	100		
Granulation 240	53.525.240	100		

## Sanding Disc Velcro

coated with corundum, synthetic resin bonded, perforated  
Ø150 mm

Granulation 16	53.450.016	50		
Granulation 24	53.450.024	50		
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 320	53.450.320	100		

## Sanding Sponge



10 x 7 x 2,7 cm for wet and dry use, all 4 sides sanded

Granulation 80	56.200.080	2		
Granulation 100	56.200.100	2		
Granulation 180	56.200.180	2		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Grinding Fleece Role</b> 	<b>made of corundum, for wet and dry grinding, also for eccentric sanding machine and oscillating sander</b>					
	Granulation 120 (110 mm x 10 m)	53.115.120	1			
	Granulation 180 (110 mm x 10 m)	53.115.180	1			
	Granulation 320 (115 mm x 10 m)	53.115.320	1			
<b>Grinding Float</b> 	<b>carbide granulation, 20 x 10 cm</b>					
	Granulation 14	52.120.014	1			
	Granulation 24	52.120.024	1			
	Handle bracket	52.120.914	1			
<b>Hand Grinder</b> 	<b>with quick release</b>					
	23 x 8 cm	56.200.001	1			
<b>Sanding Grid</b> 	<b>28 x 9,3 cm</b>					
	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			
<b>Pad Carrier With Velcro</b> 	23 x 10 cm					
		56.340.010	1			
<b>Pad</b> 	<b>25 x 11,5 cm</b>					
	black, coarse	56.340.001	1		10	
	blue, medium	56.340.003	1		10	
	white, soft	56.340.005	1		10	

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

### Floorpads, Superpads

#### Ø406 mm, thickness 20 mm, top quality



black  
hard fleece  
for cleaning purposes

52.340.001

5

green  
medium to hard fleece  
for cleaning purposes  
not to be used on PVC

52.340.002

5

red  
medium to soft fleece  
for cleaning purposes  
can be used on PVC

52.340.003

5

beige  
soft fleece  
for polishing purposes

52.340.004

5

white  
very soft fleece  
for polishing purposes

52.340.005

5

### Stripping Pad Aggressive

#### highly aggressive stripping pad with silicium carbide, for cementious substrates



Ø 406 mm

52.540.001

5



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

### Cutting Disk Steel/Stainless Steel Standard



**extra fine cut, iron-, sulphur- and chlorine-free, hole diameter 22,2 mm, high cost-benefit ratio**

115 x 1,0 mm

54.115.116

5

125 x 1,0 mm

54.125.116

5

### Cutting Disk Steel/Stainless Steel Premium



**fine cut, iron-, sulphur- and chlorine-free, hole diameter 22,2 mm, high level of stability**

115 x 2,0 mm

54.115.100

5

125 x 2,0 mm

54.125.100

5

150 x 2,0 mm

54.150.100

5

180 x 2,0 mm

54.180.100

5

230 x 2,0 mm

54.230.100

5

### Cutting Disk Aluminium



**non-ferrous metals, hole diameter 22,2 mm, extra fine cut, soft bonding**

115 x 1,0 mm

54.115.111

5

125 x 1,0 mm

54.125.111

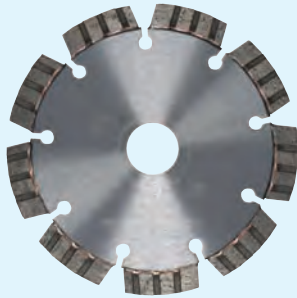
5

230 x 1,9 mm

54.230.111

5

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

**Saw Blade Concrete Standard**

**turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, laser welded, segment height 10mm, hole diameter 22,2 mm, Ø300-450 on request**

115 x 2,2 mm	51.031.115	1		
125 x 2,2 mm	51.031.125	1		
150 x 2,6 mm	51.031.150	1		
180 x 2,6 mm	51.031.180	1		
230 x 2,8 mm	51.031.230	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, hole diameter 22,2 mm, Ø300-900 on request**

115 x 2,4 mm	51.037.115	1		
125 x 2,4 mm	51.037.125	1		
150 x 2,6 mm	51.037.150	1		
180 x 2,6 mm	51.037.180	1		
230 x 2,6 mm	51.037.230	1		
230 x 2,6 mm, Hole diameter 30mm with reduction ring to 25,4 mm	51.039.230	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 7mm, hole diameter 22,2 mm**

115 x 2,0 mm	51.033.115	1		
125 x 2,0 mm	51.033.125	1		
150 x 2,2 mm	51.033.150	1		
180 x 2,3 mm	51.033.180	1		
230 x 2,6 mm	51.033.230	1		









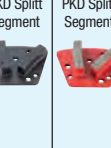
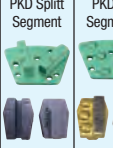


**Saw Blade Screed/Asphalt Premium**

**suitable for abrasive materials e.g.. Cement screed, lime stone, fresh concrete, laser welded, segment height 10 mm, hole diameter 22,2 mm**

115 x 2,0 mm	51.032.115	1		
125 x 2,2 mm	51.032.125	1		
150 x 2,2 mm	51.032.150	1		
180 x 2,3 mm	51.032.180	1		



## Selection of the grinding segments

 Adapter available for trapezoid diamond segment plates: HTC, Schwamborn, MKS, Scanmaskin, Lavina, Husquarna	 Diamant Segment	 Diamant Segment	 Diamant Segment	 Diamant Segment	 Terminator Segment®	 Terminator Segment®	 Terminator Segment®	 ZigZag® Segment	 ZigZag® Segment	 ZigZag® Segment	 PKD Splitt Segment	 PKD Splitt Segment	 PKD Splitt Segment	 PKD ¼ Segment	 PKD ½ Segment
Artikelnummer	55.716.xxx	55.726.xxx	55.736.xxx	55.756.xxx	55.916.020	55.926.020	55.936.020	55.616.020	55.626.020	55.736.020	55.806.040	55.806.030	55.806.020	55.810.011	55.830.011
xxx indicate the mesh size	55.718.xxx	55.728.xxx	55.738.xxx	55.743.xxx							55.808.040	55.808.030	55.808.020	55.818.011	
Substrate	Schwamborn	Schwamborn	Schwamborn	Schwamborn									Schwamborn	Schwamborn	Schwamborn
016 = coarse mesh															
020 = medium mesh															
040 = fine mesh															
Extremely hard concrete				X											
Hard concrete		X	X			X	X		X	X					
Soft concrete	X	X			X	X		X	X		X				
Screed (cement skin)	X	X			X	X		X	X		X				
Mastic asphalt	X				X						X				
Epoxy coating (thin)		X	X		X	X	X						X		
Epoxy coating (thick)								X	X	X				X	X
Polyurethane resin					X	X	X	X	X	X		X	X	X	X
Adhesive <1 mm					X	X	X						X	X	X
Adhesive > 1 mm								X	X	X		X		X	X
Tile glue								X	X	X					
Carpet foam back								X	X	X					
Jute back								X	X	X				X	X

Terminator® Segment: open diamond segment with cooling holes  
 ZigZag® Segment: sharp-edged zigzag design

## Adapter for Diamond Segment Plates

We offer you to detach yourself from the diamond segments specified by the machine manufacturer. For the following machines we offer adapters which allow you to use the standard segment plates

## HTC Adapter



the shoe is assembled as usual and the diamond segments are placed on the adapter without screwing. The strong magnet holds the segment plate; the segment plate can be changed without tools.

magnetic mounting

55.797.010

1

M6 mounting

55.797.016

1

M8 mounting

55.797.018

1

## Screw

Screw M6

55.797.116

1

Screw M8

55.797.118

1

## Schwamborn Adapter

magnetic,  
no screw required

55.797.030

1

## Scanmaskin Adapter

magnetic,  
no screw required

55.797.040

1

## MKS Funke



special screws

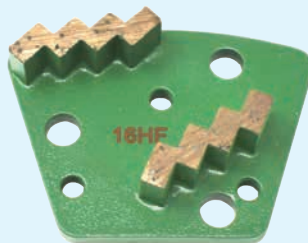
55.797.090

1



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Husqvarna Adapter</b> 	magnetic, no screw required	55.797.060	1			
<b>Lavina Adapter</b> 	magnetic, no screw required	55.797.050	1			
<b>Diamond Segments</b> 	<b>2 curved diamond segment (MT-Design®) 40 x 10 x 10 mm</b> <b>color: black (SF – Soft Floor) hard bond for soft concrete and screed</b> Mounting: 3 x M6 + other mesh 16/20 mesh 30/40 mesh 60/80 Mounting: 3 x M8 + other mesh 16/20 mesh 30/40 mesh 60/80	55.716.020 55.716.040 55.716.080 55.718.020 55.718.040 55.718.080	1 1 1 1 1 1			
	<b>color: red (MF – Medium Floor) medium bond for medium hard concrete</b> Mounting: 3 x M6 + other mesh 16/20 mesh 30/40 mesh 60/80 Mounting 3 x M8 + other mesh 16/20 mesh 30/40 mesh 60/80	55.726.020 55.726.040 55.726.080 55.728.020 55.728.040 55.728.080	1 1 1 1 1 1			
	<b>color: green (HF – Hard Floor) soft bond for hard concrete</b> Mounting 3 x M6 + other mesh 16/20 mesh 30/40 mesh 60/80 Mounting: 3 x M8 + other mesh 16/20 mesh 30/40 mesh 60/80	55.736.020 55.736.040 55.736.080 55.738.020 55.738.040 55.738.080	1 1 1 1 1 1			
	<b>color: purple (XHF - Extreme Hard Floor) super soft bond for extreme hard concrete</b> Mounting 3 x M6 + other mesh 16/20 mesh 30/40 mesh 60/80	55.756.020 55.756.040 55.756.080	1 1 1			

Floor coating

**ZigZag® Diamond Segment**


very aggressive, for the removal of paints and coatings, 2 serrated diamond segments 40x12x5 mm (LxHxW) mesh 16/20

**black**

hard bond for soft concrete/screed

55.616.020

1

**red**

medium bond for medium hard concrete

55.626.020

1

**green**

soft bond for hard concrete

55.636.020

1

**Terminator® Diamond Segment**


very aggressive, best design for the removal of paints and coatings, 2 special diamond segments 40x15x10 mm (LxHxW) mesh 16/20

**black**

hard bond for soft concrete/screed

55.916.020

1

**red**

medium bond for medium hard concrete

55.926.020

1

**green**

soft bond for hard concrete

55.936.020

1



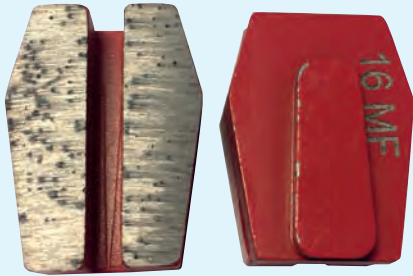
## Diamond Segments



## Segment height 10 mm, trapezoidal mounting for e.g. Schwamborn

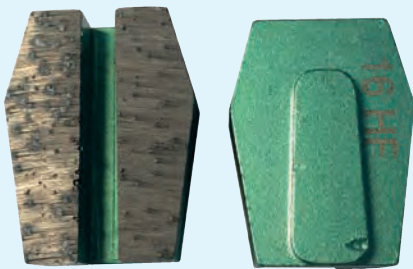
color: black (SF – Soft Floor),  
hard bond for soft concrete/screed

mesh 16	55.761.016	1		
mesh 20	55.761.020	1		
mesh 40	55.761.040	1		



color: red (MF – Medium Floor),  
medium bond for standard concrete

mesh 16	55.763.016	1		
mesh 20	55.763.020	1		
mesh 40	55.763.040	1		



color: green (HF – Hard Floor),  
soft bond for hard concrete

mesh 16	55.765.016	1		
mesh 20	55.765.020	1		
mesh 40	55.765.040	1		

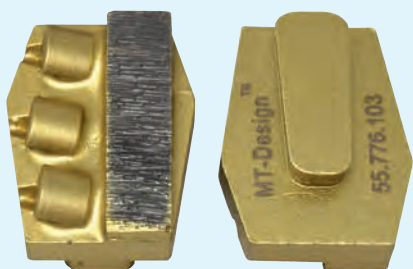
## PCD-Split Segments



## Segment height 10 mm, PCD-split segments, trapezoidal mounting for e.g. Schwamborn

for thin coatings	55.776.002	1		
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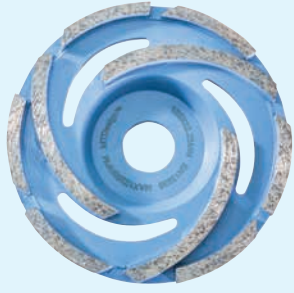
## PCD Segments







## 1/4 PCD Segments, trapezoidal mounting for e.g. Schwamborn

for coatings				
3 PCD and support segment (right rotating)	55.776.103	1		
3 PCD and support segment (left rotating)	55.776.203	1		



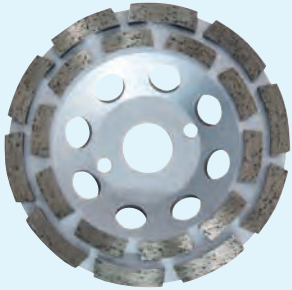



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Diamond Grinding Cup MultiDot®</b> 	<b>for the removal of paints, sealers and thin coatings</b> <b>dot height 1,2 mm, hole diameter 22,2 mm</b>	Ø 125 mm cup depth 22 mm	55.070.125	1		
<b>Diamond Grinding Cup Wheel Tornado Standard</b> 	<b>suitable for plastic, paints, concrete, segment height 6 mm,</b> <b>mesh30/40, medium bonding, hole diameter 22,2 mm</b>	Ø 125 mm cup depth 22 mm	55.057.125	1		
<b>Diamond Grinding Cup Wheel Tornado Premium</b> 	<b>suitable for plastic, paint and concrete, very aggressive grinding,</b> <b>segment height 6,5 mm, mesh 16/20, medium bonding, hole diameter 22,2 mm,</b> <b>Ø150 mm 19 mm</b>	Ø 125 mm cup depth 22 mm	55.052.125	1		
		Ø 150 mm cup depth 20 mm	55.052.150	1		
		Ø 180 mm cup depth 30 mm	55.052.180	1		
		Ø 180 mm cup depth 23 mm	55.052.181	1		
<b>Diamond Grinding Cup Wheel Swirl®</b> 	<b>suitable for plastic, paints, concrete, segment height 5,5 mm,</b> <b>mesh 30/40</b>	Ø 125 mm cup depth 22 mm	55.055.125	1		



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Diamond Grinding Cup Wheel BEAST®</b> 	suitable for plastic, paints, concrete, segment height 7 mm, mesh 30/40, medium bonding, hole diameter 22,2 mm  Ø 125 mm cup depth 22 mm	55.059.125	1			
<b>Diamond Grinding Cup Wheel Boomerang</b> 	suitable for plastic, paints, concrete, segment height 5mm, grit 30/40, medium/soft bonding, hole diameter 22,2 mm, Ø 150 mm 19 mm  Ø 110 mm cup depth 22 mm Ø 125 mm cup depth 22 mm Ø 150 mm cup depth 20 mm Ø 180 mm cup depth 21 mm	55.056.110 55.056.125 55.056.150 55.056.180	1 1 1 1			
<b>Diamond Grinding Cup Wheel Arrow</b> 	for the removal of coatings on concrete, with several suction holes for optimal suction, segment height 5mm, mesh 30/40, medium bond, hole diameter 22,2 mm, Ø 150 mm 19 mm  Ø 125 mm cup depth 21 mm Ø 150 mm cup depth 20 mm Ø 180 mm cup depth 27 mm	55.041.125 55.041.150 55.041.180	1 1 1			
<b>Diamond Grinding Cup Wheel T-Segment</b> 	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 e.g. Protocol RGP 130 Ø 130 mm cup depth 22,5 mm	55.071.130	1			



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Diamond Grinding Cup Wheel Economy</b> 	<b>sintered segments, type Duplex, for concrete, segment height 5mm, mesh 30/40, medium bond, hole diameter 22,2 mm</b>  Ø 125 mm cup depth 22 mm	55.008.125	1			
<b>Diamond Grinding Cup Wheel Standard</b> 	<b>laser welded segments, type Duplex, for concrete, segment height 5mm, mesh 30/40, medium bond, hole diameter 22,2 mm</b>  Ø 125 mm cup depth 22 mm Ø 180 mm cup depth 26 mm	55.011.125	1			
		55.011.180	1			
<b>Diamond Grinding Cup Wheel Premium</b> 	<b>laser welded segments, type Duplex, for concrete, segment height 5mm, mesh 30/40, medium bond, hole diameter 22,2 mm, Ø 150 mm 19 mm</b>  Ø 125 mm cup depth 22 mm Ø 150 mm cup depth 20 mm Ø 180 mm cup depth 27 mm	55.021.125	1			
		55.021.150	1			
		55.021.180	1			
<b>Diamond Grinding Cup Wheel Premium</b> 	<b>laser welded segments, type Duplex, for cement screed and asphalt, segment height 5mm, mesh 30/40, medium bond, hole diameter 22,2 mm</b>  Ø 125 mm cup depth 21 mm Ø 180 mm cup depth 27 mm	55.030.125	1			
		55.030.180	1			

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

**Diamond Grinding Cup ZIGZAG®**

**for quick and easy removal of varnishes and paints, very aggressive, segment height 6 mm, mesh 16/20, soft bond, hole diameter 22,2 mm**

 Ø 125 mm  
cup depth 22 mm

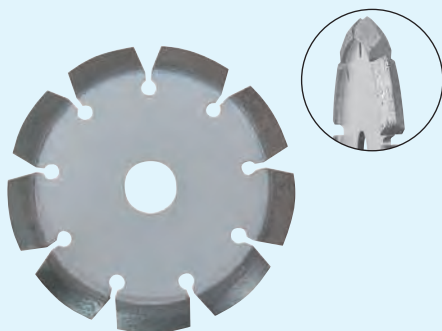
55.094.125	1		
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**Diamond Grinding Cup Wheel Terminator®**

**for quick and easy removal of varnishes and paints, very aggressive, best design for the removal of paints and coatings, segment height 6 mm, mesh 16/20, soft bond, hole diameter 22,2 mm**

 Ø 125 mm  
cup depth 21 mm

55.096.125	1		
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**V-Grinder**

**to cut V-shaped joints into floors and walls, segment width 10 mm, segment height 12 mm**

 Ø 115 mm  
Ø 125 mm  
Ø 180 mm  
Ø 230 mm

55.053.115	1		
55.053.125	1		
55.053.180	1		
55.053.230	1		

**Joint Cleaner**

**sintered, for cleaning joints, segment height 8 mm**

 width 6,4 mm  
Ø 115 mm  
Ø 125 mm  
  
width 8,0 mm  
Ø 125 mm  
  
width 10 mm  
Ø 125 mm  
Ø 180 mm  
Ø 230 mm

55.151.115	1		
55.151.125	1		
55.251.125	1		
55.351.125	1		
55.151.180	1		
55.351.230	1		

Floor coating

**PCD-Split Grinding Cup Wheel Zyklon®**


set with polycrystalline diamonds, for removing adhesive residues, floor coatings, paints, seals (EP, PUR, AC), plaster and fillers, segment height 7 mm, hole diameter 22,2 mm

Ø 125 mm  
cup depth 22 mm

55.066.125

1

**PCD-Grinding Cup Wheel Zyklon®**


set with PCD, for removing adhesive residues, floor coatings, paints, seals (EP, PUR, AC), plaster and fillers, screed and medium-hard fresh concrete up to grain 8  
small segments (1 mm)

Ø 125 mm 12 PCD  
cup depth 21 mm

55.061.125

1

Ø 150 mm 12 PCD  
cup depth 20 mm

55.061.150

1

Ø 180 mm 12 PCD  
cup depth 31 mm

55.061.180

1

**PCD-Grinding Cup Wheel Zyklon®**


set with 1/4 PCD, for removing adhesive residues, floor coatings, paints, seals (EP, PUR, AC), plaster and fillers, screed and medium-hard fresh concrete up to grain 8  
big segments (3,2 mm)

Ø 125 mm 6 PCD  
cup depth 21 mm

55.062.125

1

Ø 150 mm 6 PCD  
cup depth 20 mm

55.062.150

1

Ø 180 mm 9 PCD  
cup depth 31 mm

55.062.180

1

**PCD grinding wheel Zyklon® with support segments**


set with 1/4 PCD and support segments, for removal of adhesive residues, floor coatings, paints, sealants (EP, PUR, AC), plaster and putties, screed and medium-hard fresh concrete up to grain 8 mm,  
big segments (3,2 mm), 6 PCD, 6 support segments

Ø 125 mm  
cup depth 21 mm

55.063.125

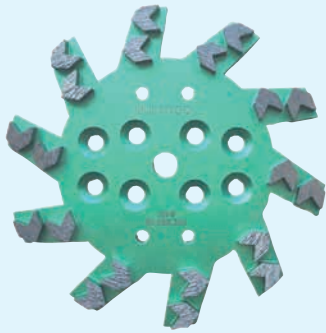
1

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

**Grinding Disc**

**Supreme Quality Ø 250 mm, for dry and wet grinding, universal connection with 19 mm center hole and for M10, 20 segments 40x10x10 mm**

<b>black</b> for soft concrete, hard bond	55.081.251	1		
<b>red</b> for standard concrete, medium bond	55.081.252	1		
<b>green</b> for hard concrete, soft bond	55.081.253	1		

**Grinding Disc Arrow**

**Supreme Quality, Ø 250 mm, for dry and wet grinding, universal connection with 19 mm center hole and for M10, 20 arrow segments, segment height 10 mm**

<b>black</b> for soft concrete, hard bond	55.086.251	1		
<b>red</b> for standard concrete, medium bond	55.086.252	1		
<b>green</b> for hard concrete, soft bond	55.086.253	1		

**Floor Grinding Disc PCD**

**Supreme quality, Ø 250 mm, for removing adhesive residues, floor coatings, paints, seals (EP, PUR, AC), plaster and fillers, screed and medium-hard fresh concrete up to grain 8, universal connection with 19 mm center hole and for M10, 20 segments 1/4 PCD and 5 support segments (MT-Design®) segment height 4 mm**

gold	55.089.251	1		
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**Core Drill**

**Dry core drill for unreinforced concrete, mounting M16, segment height approx 10 mm, max work height 16 cm, outside diameter 57 mm, inside diameter 50 mm**

Core Drill Ø 57/50	55.050.001	1		
Adapter M16 – SDSplus	55.050.101	1		

Floor coating

**Adhesive Copper Tape**



**self adhesive, for conductive floor coatings**

9 mm wide, 25 m

48.530.110

1

**Multitool Conductive Kit**



**Kit for 10 grounding points**

- Contains:
- 10 dowel S8x40
  - 10 hexagon nuts M6
  - 10 hexagon nuts self locking M6
  - 10 washers Ø55 mm
  - 10 washers Ø30 mm
  - 10 hexagon socket screws M6
  - 10 cable lugs
  - 20 strips of self adhesive copper tape
  - 1 allen wrench
  - 1 drill SDS Ø8 mm

48.800.001

1

**Floor Grounding Test Point Kit**



**with 2 m adhesive copper tape**

48.000.010

1

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

**Balance**


supporting platform 32 x 38 cm, weighing range up to 75 kg, up to 25 kg in 5 g steps from 25 kg in 10 g steps, TARA Function, automatic shutdown (idle) individually adjustable (deactivate, 15 min, 30 min, 45 min, 60 min), electric or battery powered (4x1,5V AA)

	99.000.001	1		
power supply	99.000.202	1		
Coiled cable	99.000.203	1		
Display	99.000.205	1		

**Small Balance**


supporting platform 13 x 14 cm, weighing range up to 10 kg in 1 g steps; Automatic shutdown, incl. batteries 2 x 1,5V AA

	99.000.110	1		
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**Spoon Balance**


Maximum weight: 300 g / 10.935 oz

**features:**

- resolution: 0.1 g / 0.005 oz
- long battery life
- digital LCD display
- unit of measurement in grams and ounces (g/oz)
- record the measurement result (HOLD)
- automatic shutdown after 60 seconds
- 1 x CR2032 battery included

	99.000.300	1		
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Floor coating



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

### Cotton Cleaning Rags

price per 10 kg



multi-coloured

98.800.010

1

pure white

98.801.010

1

### Non-woven Cloth

size approx. 40x40 cm, approx. 500 pcs



price per 10 kg

98.810.010

1

### Cleaning Paper Role

blue, 1000 sheet á 36 x 34 cm



3-layers

98.815.035

1



# 2

## Protective Equipment



### Standards for Fine Dust Masks

Type	Performance	Materials
	(Half/quarter mask)	
<b>P 1</b> FFP1 R or NR	low performance fine dust up to 4 x WPL 0,1 Vol.-% (1.000 ppm)	For solid hazardous, fibrogenic particles e.g.: textile fibres, marble, sulphur, silicic acid
<b>P 2</b> FFP2 R or NR	medium performance fine dust up to 10x WPL 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
<b>P 3</b> FFP3 R or NR	high Performance fine dust up to 30x WPL 1,0 Vol.-%(10.000 ppm)	For solid toxic particles e.g.: chromium, nickel, lead
R = reusable		
<b>FFPx D</b>	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

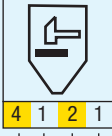
Type	Use	Colour
A	Gases and vapours of organic compounds with boiling point > 65 °C	brown
AX	Gases and vapours of organic compounds with boiling point ≤ 65 °C	brown
B	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide	grey
E	Sulphur dioxide, hydrogen chloride	yellow
K	Ammonia 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/m<sup>3</sup> (0,1 Vol.-%)  
**Class 2** 5.000 ml/m<sup>3</sup> (0,5 Vol.-%)  
**Class 3** 10.000 ml/m<sup>3</sup> (1,0 Vol.-%)

### EN 388

#### European Standards for protective gloves



e.g. 4 1 2 1

Protective gloves against mechanical hazard	Rating
Abrasion resistance	0 - 4
Cut resistance	0 - 5
Tear resistance	0 - 4
Puncture resistance	0 - 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  
Size 10**

knitted wrist	60.210.010	12	120
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**Natural Latex Glove**

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

Size 9	60.620.009	12	144
Size 10	60.620.010	12	144

**Cotton-Latex Glove**

**high wearing comfort**

Size 10	60.630.010	1	12
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**Winter Blocker Glove Premium**

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

Size 9	60.850.009	12	72
Size 10	60.850.010	12	72
Size 11	60.850.011	12	72

**Latex-disposable Glove**


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

L	60.700.009	1		
XL	60.700.010	1		

**Nitrile-disposable Glove black**


non sterile, beaded cuff, fish skin surface, thickness 0,26 mm finger, 0,15 mm palm  
Box with 50 pcs

L	60.705.009	1	10	
XL	60.705.010	1	10	
XXL	60.705.011	1	10	

**Nitrile-disposable Glove blue**







rolled rim, powder-free, wearable on both sides, micro-roughened fingertips, non-sterile, thickness 0.10 mm fingers, 0.08 mm palm, box with 100 pieces

L	60.707.009	1	10	
XL	60.707.010	1	10	

**Cotton-Nitrile Fine Knitted Glove**


nitrile coated fine knitted glove with knitted cuff, seamless. The glove is light, flexible and has a good fit, the back of the hand is partially coated

Size 9	60.400.009	12	144	
Size 10	60.400.010	12	144	
Size 11	60.400.011	12	144	

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Cotton-Nitrile Glove Economy</b> 	nitrile coated tricot glove with knitted cuff. The glove is light, flexible and has a good fit, the back of the hand is partially coated EN420, EN388 CAT2, TÜV-GS tested	Size 9 Size 10 Size 11	60.300.009 60.300.010 60.300.011	12 12 12	144 144 144	
<b>Cotton-Nitrile Glove Premium</b> 	nitrile coated tricot glove with knitted cuff. The glove is light, flexible and has a very good fit, the back of the hand is partially coated, EN420, EN388 CAT2, TÜV-GS tested	Size 9 Size 10 Size 11	60.340.009 60.340.010 60.340.011	12 12 12	144 144 144	
<b>Cotton-Nitrile Glove Economy full coated</b> 	nitrile coated tricot glove with knitted cuff. The glove is light, flexible and has a very good fit, the back of the hand is fully coated EN420, EN388 CAT2, TÜV-GS tested	Size 9 Size 10 Size 11	60.310.009 60.310.010 60.310.011	12 12 12	144 144 144	
<b>Cotton-Nitrile Glove Economy full coated with cuffe</b> 	yellow, nitrile coating on interlock liner, open back, with cuff, EN420, EN388 CAT2, TÜV-GS tested	Size 10	60.500.010	12	144	
<b>Nitrile Glove with long sleeve</b> 	Length approx. 32 cm, green, velourised, silicone-free, viewed by BG Bau as a suitable protective glove against solvent-free epoxy resins, EN388 CAT2 and EN374 CAT3	Size 8 Size 9 Size 10 Size 11	60.604.008 60.604.009 60.604.010 60.604.011	10 10 10 10	100 100 100 100	



**Cotton-Nitrile Glove full coated**


with blue nitrile coating on the back of the hand, black non-slip nitrile coating on the palm and thumb, EN388

Size 9	60.350.009	12	72
Size 10	60.350.010	12	72

**Special Coated Stretch Glove**


seamless knitted glove with special stretch fabric, gray, black special coating on the palm and fingertips, good wet and dry grip, excellent fit, EN420, EN388 CAT2

Size 9	60.481.009	12	144
Size 10	60.481.010	12	144

**Stretch Glove with nitrile-PU coating and knobs**


seamless knitted glove with special stretch fabric, gray, black special coating on the palm and fingertips, good wet and dry grip, excellent fit, EN420, EN388 CAT2

Size 9	60.480.009	12	144
Size 10	60.480.010	12	144

**PU-Stretch Glove**


gray, with gray PU coating on the palm and fingertips, EN420 and EN388 CAT2

Size 9	60.430.009	12	240
Size 10	60.430.010	12	240
Size 11	60.430.011	12	240

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

**Latex-Nylon Stretch Glove**



gray, with black latex coating on the palm and fingertips, EN420 and 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**



fine knitted glove with micro foam nitrile coating. Breathable coating, excellent tactility and mobility, very suitable for precision work, CE CAT2

Size 9	60.470.009	12	144
Size 10	60.470.010	12	144
Size 11	60.470.011	12	144

**Nitrilefoam-Nylon Stretch Glove**



fine knitted glove, with partially coated back of the hand with micro foam nitrile coating. Breathable coating, excellent tactility and mobility, very suitable for precision work, CE CAT22

Size 9	60.475.009	12	144
Size 10	60.475.010	12	144
Size 11	60.475.011	12	144


**Nitrile-Nylon Stretch Glove, liquid proof**



fine knitted glove, partially coated back of the hand, palm and back of the hand double nitrile coating, non-slip nitrile coating in the palm

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
<b>Cotton Drill Gloves</b> 	<b>natural grey, strong cotton glove with knitted cuff, good breathability, suitable for simple work, knitted wrist</b>	Size 10	60.900.009	12	300	
<b>Cotton Jersey Gloves</b> 	<b>heavy design, roughened inside, fluffy, 26 cm length</b>	Size 10	60.920.010	12	240	
<b>Cotton tricot glove with micro dots</b> 	<b>white bleached cotton tricot glove with microspotting on one side very good fit</b>	Size 10	60.940.010	12	600	
<b>Cotton Interlock Gloves</b> 	<b>raw white, 26 cm, heavy weight</b>	Size 10	60.960.010	12	600	
<b>Nylon / cotton knitted glove with knobs on one side</b> 	<b>with knitted waistband, very good fit, very comfortable to wear</b>	Size 10	60.950.010	12	240	

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

**Leather-Cotton Glove**



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

Size 10	60.111.010	12	120
Size 11	60.111.011	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
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**Moulded Disposable Mask**


for fine non-toxic dusts, fibres and mists,  
Conforms to EN149:2001+A1:2009

FFP1 Class 1 efficiency (>80%)  
factor (APF) of 4 x Work place Exposure  
Limit (WEL)

92.200.001

20

**Moulded Disposable mask Economy**


with valve, twin elasticated head straps and pliable nose strip to ensure face seal.  
The valve increases user comfort by lowering CO2 and heat build up for fine  
non-toxic dusts, fibres and mists  
Conforms to EN149:2001+A1:2009

FFP1 Class 1 efficiency (>80%)  
factor (APF) of 4 x Work place Exposure  
Limit (WEL)

92.210.001

10

FFP2 Class 2, medium efficiency (94%)  
factor (APF) of 10 x Work place Exposure  
Limit (WEL)

92.210.002

10

FFP3 Class 3, high efficiency (>99%)  
factor (APF) of 30 x Work place Exposure  
Limit (WEL)

92.210.003

10

**Moulded Disposable Mask Premium**


with valve, increased wearing comfort, twin elasticated head straps and pliable  
nose strip to ensure face seal.  
The valve increases user comfort by lowering CO2 and heat build up for fine  
non-toxic dusts, fibres and mists  
Conforms to EN149:2001+A1:2009

FFP2 Class 2, medium efficiency (>94%)  
factor (APF) of 10 x Work place Exposure  
Limit (WEL)

92.230.002

10

**Folded Disposable Mask Premium**


with valve, increased wearing comfort, twin elasticated head straps and pliable  
nose strip to ensure face seal.  
The valve increases user comfort by lowering CO2 and heat build up for fine  
non-toxic dusts, fibres and mists  
Conforms to EN149:2001+A1:2009

FFP2 Class 2, medium efficiency (>94%)  
factor (APF) of 10 x Work place Exposure  
Limit (WEL)

92.430.002

10

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

**Full Face Mask**


Scratch-resistant, fog-free, mirror and distortion-free polycarbonate lens with a very large field of view, ultimate comfort thanks to ergonomic construction and design 5-point harness locks the mask quickly and securely, without filter, EN136

Size M	92.300.005	1		
Size L	92.300.006	1		
Peel off visor				
Pack of 10	92.300.106	1		

**Half Mask**


Half mask including filter  
 Made of thermoplastic rubber for a good fit. The four-point attachment is fully customizable. The exhalation valve has a low exhalation resistance. The angle filters have a flat profile for minimal visual impairment

with A2P3 combination cartridge	92.401.101	1		
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**Belt Bag For Half Mask**


robust design, for half mask Art. No. : 92.401.101; Incl. 2 side pockets for the filters, with belt and buckle

	92.401.211	1		
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**Cartridge for ref. 92.300.005 + 92.401.101**

**Organic Vapour Cartridge**

organic (benzene, xylene, etc.) gases A2	92.401.002	2	10	
organic and inorganic (carbon dioxide, monoxide, nitrogen dioxide etc.) gases AB1	92.401.005	2	10	

**Cartridge for ref. 92.300.005 + 92.401.101**


Dustfilter P2 + cover set for half mask (2 covers, 2 filters)  
 Respiratory protection filter against solid particles (and aqueous aerosols) from annoying inert fine dust, whereby the permeability of the filter material must not exceed 20% and the mean value of the total leakage of a mask must not exceed 22%. When handling brick dust, concrete, plaster, mineral wool, sandstone, hardwood. Can be used at concentrations up to 10 times the WEL value.

set with 2 filter and lid	92.402.012	1	5	
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## Dust Respirator



Respirator mask against solid particles (and aqueous aerosols) from annoying inert fine dust, whereby the permeability of the filter material must not exceed 20% and the mean value of the total leakage of a mask must not exceed 22%. When handling drilling and chisel dust when processing building materials, fine dust from sawing, sweeping, grinding and flour dust. Only for use against solid particles of less toxic dusts and smoking

FFP1 Class 1 efficiency (80% minimum) for low risk hazards, protection factor of 4

92.200.104

10

FFP2 Class 2, medium efficiency (94%), protection factor of 10

92.200.110

10

## 3M Dust Respirator Comfort Class



A foam zone around the inside of the mask offers a perfect fit and max. Sealing Respirator mask against solid particles (and aqueous aerosols) from annoying inert fine dust, whereby the permeability of the filter material must not exceed 20% and the mean value of the total leakage of a mask must not exceed 22%. When handling drilling and chisel dust when processing building materials, fine dust from sawing, sweeping, grinding and flour dust. Only for use against solid particles of less toxic dusts and smoking

FFP1 Class 1 efficiency (80% minimum) for low risk hazards, protection factor of 4

92.200.204

10

FFP2 Class 2, medium efficiency (94%), protection factor of 10.

92.200.210

10

FFP3 Class 3 high efficiency (99%) protection factor of 30.

92.200.231

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. Use cartridge ref. 93.000.001/002

Medium Size

92.300.101-M

1

Large Size

92.300.101-L

1

## 3M Cartridge



against organic gases / vapors (solvents from lacquers, paints and adhesives), gases in concentration <0.1 vol.%, boiling point > 65 °C for Art. 92.300.101, price per pcs

A1 Cartridge Standard

93.000.001

2

8

A2 Cartridge Standard

93.000.002

2

8

## 3M Dust Cartridge



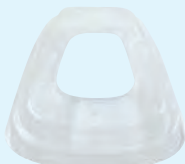
dust pre-filter FFP2, can only be used in conjunction with filter cover, Art. 93.050.001

93.000.010

2

50

## 3M Dust Cartridge Cap



for ref.93.000.010

93.050.001

2

**Hard Cap**



**Protective cap in the style of a baseball cap**  
 The clasp was attached in such a way that it fits under the occipital skull and thus ensures an optimal fit. It can be operated with one hand. The inner shell can be removed from the textile cap. Both parts are washable separately. Extra holes in the inner shell and the two mesh inserts on the outside cover provide additional ventilation. With 7cm umbrella. Color black / gray  
 Complies with the EN812 standard

80.000.201	1		
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**LED Lamp**



**for hard hat and protective cap**  
 With 5 high power LEDs.

Mode: 1LED, 3LED, 5LED, 5LED flashing, including battery

80.000.290	1		
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**Safety Helmet**



**with 6-point webbing interior, rotary knob to adapt to the head size, sweatband, rain gutter, ventilation, plug-in slots for hearing protection, made of polyethylene, weight approx. 340 g, color: blue**

80.000.001	1		
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**Safety Helmet with Integral Visor**



**ventilated and with Easyjust slide lock. A rain channel directs the rain away from the wearer. A universal mounting point enables the fixed mounting of safety visors (available on request as accessories). The integrated safety glasses (corresponds to EN166 1.F) can be pushed upwards when not in use and are thus protected. The helmet complies with En50365 class 0 10KV. This standard applies to electrically insulated helmets for work that is carried out directly or in the vicinity of current-carrying technical systems that do not exceed 1000VAC 1500VDC. Protects to EN166 1.F**

80.000.101	1		
Replacement Visor for ref. 80.000.101	80.000.121	1	








**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, EN166 1.B	80.100.001	1	
anti fog, EN166 1.B	80.100.002	1	



Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Protection Eye Glasses</b> 	<b>a compact and lightweight goggle, tough Polycarbonate lens offers high resistance to impact from flying particles vented body, cost effective, PVC frame, Polycarbonate lens.</b>	Premium, EN166 1.B.T EN170 2C-1.2 Standard, EN166 1.B.9 EN170 2C-1.2	80.200.101 80.200.201	1 1		
<b>Safety glasses for spectacle wearers</b> 	<b>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 and EN170 2c-1.2</b>		80.200.301	1		
<b>Panorama Protection Eye Glasses with adjustable side arms</b> 	<b>a wraparound traditional style eye shield for wide vision and complete protection, moulded nose piece for added comfort side shields and with cord attachment point, extremely light weight, scratch resistant and antistatic Conforms to En166 1.F.</b>		80.200.002	1		
<b>Curved Panorama Protection Eye Glasses with adjustable side arms</b> 	<b>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</b>		80.200.005	1		
<b>Sporty Safety Glasses</b> 	<b>soft flexible nose pad and rubber temple tips ensure comfort fit and reduce slip-page, dual curved lens provide uncompromised wide vision and protection blocks 99.9% of ultraviolet radiation. Sporty modern design. Conforms to EN166.1.F.</b>		80.200.008	1		
<b>Sporty Safety Glasses</b> 	<b>latest sports style, ultra lightweight with soft nose bridge make this spectacle very comfortable. Conforms to EN166 1.F and EN170 2-2.1</b>		80.200.018	1		
<b>Smoked Safety Glasses</b> 	<b>contour design and flexibility of frame gives a good versatile fit onto both smaller and larger faces extremely light and comfortable, Sun filters for industrial use all lenses provide UV protection ( Smoke lens version has UV protection up to 400Nm UV400) has been tested and approved to EN166 1.F.T.K protection together with EN170 - UV Ultra Violet ray filters or EN172</b>		80.200.009	1		



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

**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 injectbinded 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, HC Lens UV400, EN160 1.F

Translucent Orange Frame Smoke	80.200.010	1		
Blue Frame Indoor/Outdoor	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		
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**Zippered Rigid Case**



Protective case for storing either safety spectacles or goggles with a zippered lid

	80.200.093	1		
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**Browguard with Clear Visor**



PC visor with PP browguard manufactured from impact resistant polypropylene. The wheel ratchet adjustment system is designed for easy use. Replacement visor available

	80.299.040	1		
Replacement visor	80.299.042	1		

Protective Equipment

### Safety Glasses with Filter Economy



**Mask glasses FILTERSPEC (TM) a system combination of eye and respiratory protection in one! Forget the annoying „back and forth of breathing masks! FILTERSPEC (TM) is the special solution for comfort and safety of today!**

#### The safety glasses:

- fashionable and sporty glasses design (clear lens)
- adjustable temples for maximum comfort and safety
- all-round lens, therefore very good and wide view
- anti-fog and anti-scratch coating
- glasses comply with EN166 1.F.T, mask complies with EN1827/1999

#### The respirator P2:

- reusable filter holder (the mask is simply replaced after use)
- lightweight and user-friendly
- high-performance exhalation valve for particularly long wearing times
- 3 replacement masks with each system
- removable and interchangeable elastic band with a simple and practical clip closure

Set consists of 1 glasses and 3 respirators

92.405.000

1

### Safety Glasses with Filter Professional



**Mask glasses FILTERSPEC (TM) PRO a system combination of eye and respiratory protection in one! Forget the annoying „back and forth of breathing masks! FILTERSPEC (TM) PRO is the special solution for comfort and safety of today!**

#### The full view glasses:

- suitable for glasses wearers!
- anti-fog and anti-scratch coating
- polycarbonate lenses
- the design of the full view glasses closes tightly and ensures maximum comfort even with long wearing times
- the wide, soft, elastic and adjustable strap allows a tight fit
- glasses comply with EN 166 1.B.T, mask complies with EN 1827/1999

#### The respirator P2:

- reusable filter holder (the mask is simply replaced after use)
- lightweight and user-friendly
- high-performance exhalation valve for particularly long wearing times
- 3 replacement masks with each system
- removable and interchangeable elastic band with a simple and practical clip closure

Set consists of 1 glasses and 3 respirators

92.405.100

1

### Replacement Filter








**for ref. 92.405.000 and 92.405.100, against organic gas and dust, 10 pieces, price per box**

FFP2

92.405.002

1

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Ear Protection Capsule Economy</b> 	<b>Popular hearing protection, suitable in simple, industrial areas and for outdoor construction sites, weight approx. 160 g, adjustable plastic bracket, soft sealing cushion, corresponds to standard EN352-1</b>	SNR: 25dB	80.300.001	1		
<b>Ear Protection Capsule Standard</b> 	<b>Quality hearing defender, soft, wide foam pads ensure optimal comfort all day long – ideal for long work, conforms to standard EN352-1</b>	SNR: 30dB	80.300.011	1		
<b>Earplugs</b> 	<b>consisting of soft sound absorbing foam, EN 352-2 in pairs in pillow packs</b>	SNR: 33dB	80.300.010	10	100	
<b>Ear Plugs with Cord</b> 	<b>ideal plug for long-term use, very soft preformed lamellar earplugs with additional safety cord in a compact box, the box has a belt clip for attachment to the belt, EN 352-2</b>	SNR: 26dB	80.300.060	1		
<b>Safety Vest</b> 	<b>100% Polyester, with 2 reflective stripes, with velcro closure, EN 20471:2013 Class 2</b>	orange XL	94.050.010	1		
		orange XXL	94.050.011	1		
		neon-yellow XL	94.050.020	1		
		neon-yellow XXL	94.050.021	1		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Bag for safety-vest</b> 	<b>100% Polyester</b>					
	orange	94.052.010	1			
	neon-yellow	94.052.020	1			
<b>Eye Rinsing Bottle</b> 	<b>ergonomical shaped eye tray; durable 3 years, max. rinsing time 4 min; with protection cover</b>					
	0,9% Na-Solution, 250 ml	94.000.200	1			
	500 ml	94.000.500	1			
	phosphate buffered rinsing solution (4,9%), for chemical burn of eyes 250 ml	94.000.210	1			
<b>Protection Bag</b> 	<b>for eye rinsing bottle item no. : 94.000.200 + 94.000.210 made of fabric, with Velcro fastener, with tabs for belt attachment</b>					
		94.001.200	1			
<b>Construction site first aid box</b>  	<b>UVV „First Aid“ BGV A5 stipulates: DIN 13 157 first aid kit</b>					
	<b>Impact and break-proof case made of ABS plastic with content according to DIN 13157 and additional equipment for use in civil engineering companies, renovation companies, in road and garden construction as well as demolition companies.</b>					
	Construction Edition for up to 10 persons	94.010.005	1			
	Refill-Set	94.010.055	1			

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

**First Aid Box Office-/Plant**



acc. DIN 13157

94.010.105

1



Refill  
acc. DIN 13157

94.010.116

1

**Quick Bandage**



**Water-repellent, elastic first aid dressing, supple and easy to tear-off.  
For all smaller finger injuries.  
Does not broomstick on skin, hair or cloth.**

acc. DIN 13157

94.010.501

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

Protective Equipment

## Cover Foam



forms an invisible protective film against oils, paints, adhesives etc., prevents tissue softening of the skin in the work glove, is harmless to eyes, mouth and food, protective effect approx. 6 hours.  
Also suitable for protecting skin allergies to synthetic resins.

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

	When?	Which ?	How?
<b>Skin Protection</b>	> 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
<b>Skin Cleaning</b>	> if required > before using skin care products	Multitool Handcleaner Art. Nr.: 98.000.001	- use carefully and sparingly - dry hands thoroughly - use skin care products afterwards
<b>Skin Care</b>	> 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



**Performance Level 0:** offers no protection against penetration.  
**Performance Level 1:** knee pads suitable for flat and non-flat floor surfaces and offering protection against penetration by objects < 1 cm. Resists a force of 100N  
**Performance Level 2:** knee pads suitable for flat and non-flat floor surfaces and offering protection against extreme conditions (e.g. scrap in mines). Resists a force of 250N.

**Knee Pad black**



**made of PU foam, certified acc. DIN EN 14404**

performance level 0	80.400.011	1		
performance level 2	80.400.010	1		
replacement strap (Set with 2 pcs)	80.400.110	1		

**Knee Pad yellow**



**Box shape with PUR padding certified according to DIN EN 14404 with 2 straps**

performance level 0	80.400.002	1		
replacement strap (set of 2 pcs)	80.400.100	1		

**Knee Pad blue**



**ultralight knee pads with wide Velcro straps, slip-resistant surface (important when laying parquet / laminate), certified according to DIN EN 14404, with 1 strap**

performance level 0	80.405.010	1		
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**Knee Pad bellows**



**made of PUR, the folding bag prevents material from penetrating over the protector, with ergonomic shaped cushions, box shape**

performance level 2	80.415.002	1		
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**Knee Pad bellows**



**made of PUR, the folding bag prevents material from penetrating over the protector, with ergonomic shaped cushions rounded shape**

performance level 0	80.412.005	1		
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Protective Equipment

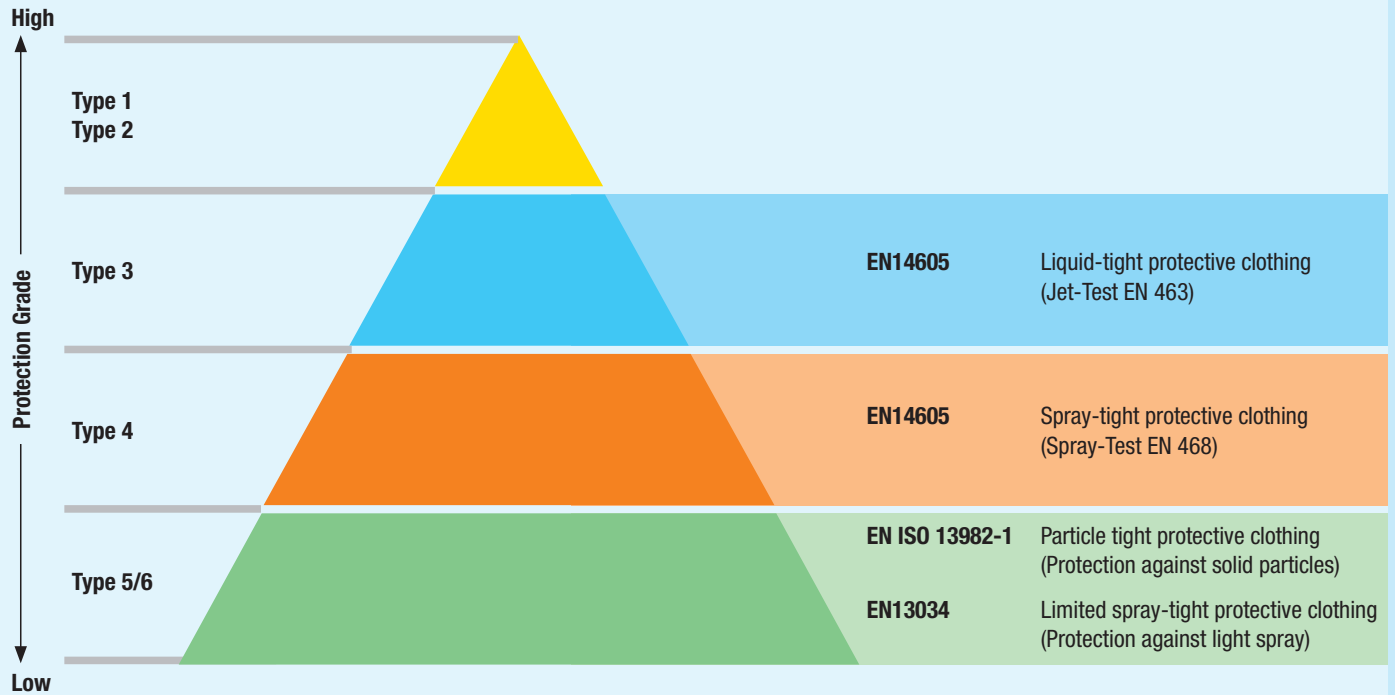


Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Hard Cap Knee Pad</b> 	<b>with 15 mm thick cellular rubber cushion and elastic, 3 cm wide straps. For uneven and rugged surfaces</b>	performance level 2	80.420.015	1		
<b>Hard Cap Knee Pad with Hinge</b> 	<b>Joint shape adapted to the knee with two movable hard shells made of polyethylene, soft inner padding made of cellular rubber, with non-slip profile</b>	performance level 2	80.420.001	1		
<b>Knee Pad Accessories</b> 	Attachment Button Replacement strap (set of 2 pcs)		80.420.006 80.420.005	1 1		
<b>Gel Knee Pad</b> 	<b>with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel</b>	performance level 1	80.430.001	1		
<b>Knee Protector</b> 	<b>The knee protectors are anatomically shaped, providing effective protection for the pressure-sensitive knee joints. Due to their shape, the selective loading of the knees is distributed over a large area, so that comfortable and permanent pain-free working in a kneeling position is made possible. The knee protectors were developed together with the „Personal Protective Equipment“ specialist committee of the main association of professional trade associations and the leather industry and are recommended by the occupational health service of the „Construction professional association Frankfurt a. M.“</b>	performance level 1 replacement straps (set of 2 pcs)	80.415.050 80.415.055	1 1		

**Classification Personal Equipment**

Depending on the risk potential the protective clothing should protect from, they are classified in 3 categories

- CAT I:** Simple Protective Clothing, low risk
- CAT II:** Protective Equipment to protect from risks not classified CAT I or III
- CAT III:** Protective Equipment to protect from deadly risk or serious health damage , high risk



**PE Overall**



made of white polypropylene fleece, with cowl, elastic cuffs, ankles and waist, 40g/m²

XL	90.000.XL	1	50
XXL	90.000.XXL	1	50

**PE Overall, Type 5 & 6**


antistatic (EN 1149-1), white,  
with cowl, elastic cuffs, ankles and waist,  
CE CAT III, 65g/m<sup>2</sup>

XL	90.050.XL	1		
XXL	90.050.XXL	1		

**PE Overall, Type 4,5 & 6**


Overall, spray-tight (type 4), particle-tight (type 5), limited splash-tight (type 6),  
antistatic (EN 1149-1), threepart hood, three-part leg gusset, double zip cover, arm,  
leg and waist rubber, CE CAT III , 110 g / m<sup>2</sup>

XL	90.055.XL	1		
XXL	90.055.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, CAT 1

XL	90.100.XL	10	50
XXL	90.100.XXL	10	50

**PE Trousers**



**Disposable trousers with functional membrane:** These trousers are certified according to types 4, 5 and 6 for very good protection against splashes, moisture and particles and are of a particularly high quality. Thanks to the special functional membrane, these disposable pants are waterproof and breathable at the same time. No sweating, no heat build-up, but dry working and a pleasant skin climate, CAT I

L	90.110.L	10	
XXL	90.110.XXL	10	

**Head Hood**


perforated viscose fleece, white, latex-free rubber band (anti-allergic)  
 Very air-permeable hood, with very stretchy elastic band, comfortable to wear

Ø 53 cm

92.010.053

10

**PP Arm protection**


made of polypropylene fleece, 30 g/m<sup>2</sup>, length approx. 45 cm, air-permeable and moisture-repellent

length approx 45 cm

92.010.001

10

30

**PE Protection Boot**


splash protection of shoes and trousers during deaeration, priming or sealing, thickness approx 75µm, (price per pcs)

up to shoe length of 31 cm

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

up to shoe length of 34 cm

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

up to shoe length of 34 cm

92.000.004

10

100

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

**Screed layers Chaps**

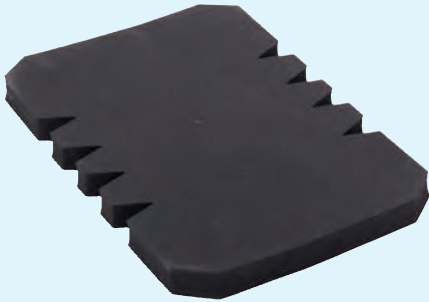


**Chaps with knee cushion**

closed with press button up to knee

90.210.010	1		
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**Cushion for Chaps conforms to EN 14404**



90.250.010	1		
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# 3

## Testing and Measuring



## Flatness Specification: DIN 18202

Column	1	2	3	4	5	6
Group	Applicable to	Position deviations (limit values), in mm, for distances between measuring points, in m, up to				
		0.1	1*	4*	10*	15* †
1	unfinished upper surfaces of floors, subfloors and concrete bases	10	15	20	25	30
2	unfinished upper surfaces of floors, subfloors and concrete bases subject to more stringent requirements (e.g. to receive floating screed, industrial floors, tile flooring and bonded screed), and finished surfaces for minor purposes (e.g. in storerooms or basements)	5	8	12	15	20
3	finished floors (e.g. screed as wearing courses or screed to receive a flooring, trowelled or bonded floorings)	2	4	10	12	15
4	As group 3, but subject to more stringent requirements	1	3	9	12	15
5	unfinished walls and unfinished ceilings	5	10	15	25	30
6	finished walls and ceilings (e.g. plastered walls, wall claddings and linings, suspended ceilings)	3	5	10	20	25
7	As group 6, but subject to more stringent requirements	2	3	8	15	20

\* Intermediate values shall be taken from figures 1 and 2, and shall be given to the nearest millimetre.  
† The flatness tolerances in column 6 also apply to distances between measuring points of over 15m.

### Roughness depth measurement with the sand surface procedure

Procedure:

Fill glass ( 0,25 cl or 0,5 cl ) with dry granulation 0,1-0,3 mm. Shake sand on the dry and clean surface, spread circular over the surface until all depressions are filled ( e.g. with an measure head Ø50 mm from a pull of tester or the like).

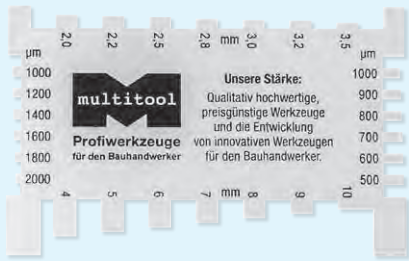
The measurement of the diameter  $d$  in cm results in the average peak-to-valley height  $R$  in mm.

Volume V 25 cm <sup>3</sup> (0,2 cl)			
Diameter in cm	Peak-to-valley height in mm	Diameter in cm	Peak-to-valley height in mm
6	8,8	25	0,5
7	6,5	26	0,5
8	5,0	27	0,4
9	3,9	28	0,4
10	3,2	29	0,4
11	2,6	30	0,4
12	2,2	31	0,3
13	1,9	32	0,3
14	1,6	33	0,3
15	1,4	34	0,3
16	1,2	35	0,3
17	1,1	36	0,2
18	1,0	37	0,2
19	0,9	38	0,2
20	0,8	39	0,2
21	0,7	40	0,2
22	0,7	41	0,2
23	0,6	42	0,2
24	0,6	43	0,2

Volume V 50 cm <sup>3</sup> (0,5 cl)			
Diameter in cm	Peak-to-valley height in mm	Diameter in cm	Peak-to-valley height in mm
11	5,3	30	0,7
12	4,4	31	0,7
13	3,8	32	0,6
14	3,2	33	0,6
15	2,8	34	0,6
16	2,5	35	0,5
17	2,2	36	0,5
18	2,0	37	0,5
19	1,8	38	0,4
20	1,6	39	0,4
21	1,4	40	0,4
22	1,3	41	0,4
23	1,2	42	0,4
24	1,1	43	0,3
25	1,0	44	0,3
26	0,9	45	0,3
27	0,9	46	0,3
28	0,8	47	0,3
29	0,8	48	0,3

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

**Thickness Gauge**



aluminium  
measuring range 0,5-10 mm

99.001.001

1

**Folding Rule 2 m**



wood

40.200.001

1

**Vernier Caliper digital**



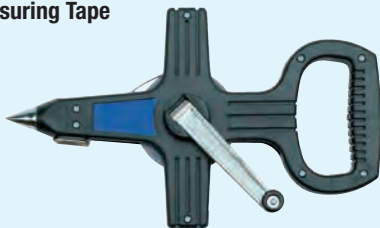
display shows mm or inch

150 mm

31.400.003

1

**Steel Measuring Tape**



steel

50 m

40.200.050

1

**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**



with lot of functions, addition, subtraction, area computation, volume computation, Pythagoras functions, for quick, easy and safe measurement

80 m	85.200.051	1		
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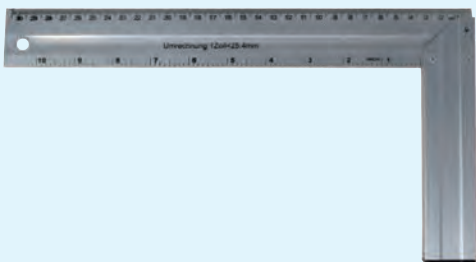
**Level**



**Aluminium**

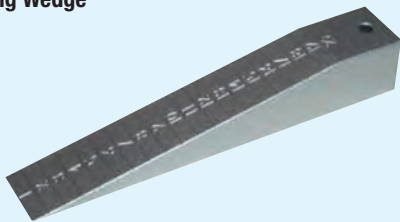
40 cm	40.225.040	1		
60 cm	40.225.060	1		
80 cm	40.225.080	1		
100 cm	40.225.100	1		
180 cm	40.225.180	1		
200 cm	40.225.200	1		

**Aluminum angle**



300 mm	40.280.030	1		
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**Measuring Wedge**



Aluminium, with etched scaling, Reading 1 mm ratio ascent length 1 : 5

1 - 20 mm	40.270.020	1		
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**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
5 L closed handle	40.600.005	1		2

Testing and Measuring



## ESD floor tester



suitable for measuring point-to-point resistances and leakage resistances

**Technical specifications:**

Measuring voltage: Ohm range:  $1 \text{ mA} \leq I \leq 1,3 \text{ mA}$

High resistance range: Gleichspannung 10 V, 100 V, 500V

Measuring range: low-resistance range: 0 bis 10 kOhm

High resistance range: 1 kOhm bis 1,2 TOhm

Operating mode: battery operation

corresponds to DIN EN61340-4-1, DIN EN 61340-2-3, DIN EN 61340-4-5

Set consisting of:  
 digital high-impedance basic  
 2 measuring electrodes  
 (weight 2.27 kg / diam. 63.5)  
 1 hand electrode, measuring leads  
 Operating instructions  
 (German, English, French)  
 Factory calibration certificate  
 conductive carrying case  
 recommended calibration interval  
 every 2 years

85.510.005

1

## Infrared Thermometer



ergonomic and easy to transport.

This light infrared pyrometer is attractive due to its size and its accuracy thanks to a visible laser pointer.

Its 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 is 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	-50 °C ... +380 °C
Resolution	0,1 °C
Accuracy	to 18 °C, <80 % r.F. $\pm 4 \text{ °C}$ (-30 °C ... 0 °C) $\pm 2\%$ oder $\pm 2 \text{ °C}$ (0 °C ... +330 °C)
Measuring point size	8 : 1
Emission ratio	(fest eingestellt) 0,95
LC Display	yes
Response time	< 1 s
Power Supply	9V bloc battery
Dimensions	82 x 41,5 x 160 mm
Weight	180 g

**Delivery content**

1 x infrared thermometer, 1 x battery, 1 x carry bag, 1 x instruction manual

85.700.010

1

**Psychrometer with external temperature sensor**



With this thermohygrometer you can determine the indoor climate (room temperature, relative humidity) or by infrared measurement the surface temperature of walls or products. The measuring device gives you the dew point (dew point temperature) as additional information

**Technical specification**

- Temperature range: -50 to +150 degrees Celsius
- Air temperature range: internal temperature sensor from -10 to +50 degrees Celsius
- Humidity range: 5% to 99%
- moisture tolerance +/- 2%
- Temperature tolerance +/- 0.3 degrees Celsius
- Monochrome graphic display with backlight, resolution 128x64 pixels
- Multilingual menu
- Automatic dew point calculation
- Automatic shutdown

85.100.330	1		
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**Thermo Hygrometer**



this thermo-hygrometer is designed for a quick measurement of air humidity and temperature. The thermohygrometer gives you additional information about the dew point (dew point temperature) in the room as well as the wet bulb temperature.

**Technical specification**

- Measuring ranges 0 ... 100 % RH  
-30 ... +100 °C
- Resolution 0,01 % RH  
0,01 °C
- Accuracy ± 2 % RH bei 25 °C / 20 ... 80 % RH  
otherwise ± 2,5 % RH  
± 0,5 °C bei 25°C  
otherwise ± 1 °C
- Response time approx. 10 seconds (90% at 25 ° C air temperature)
- Display 4.5-digit dual LC display with backlight
- Storage conditions -10 ... 60 °C / < 80 % RH
- Operating conditions -10 ... 40 °C / < 80 % RH
- Automatic shutdown yes, after 15 minutes (can be deactivated)
- Battery 1 x 9 V-block battery
- Dimensions 225 x 45 x 34 mm
- Weight 200 g

**Scope of delivery**

1 x thermo-hygrometer, 1 x carrying bag, 1 x battery and user manual

85.100.310	1		
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Testing and Measuring



### Thermo Hygrometer Datalogger



**Mini climate logger for long-term measurement of temperature and relative humidity, 32k memory, USB interface, software with dew point calculation, mini format, supply via long-life lithium battery**

#### Technical specification

Measuring range	0 ... 100 % r.F. / -40 ... +105 °C
Accuracy	±3 % r.F. / ±1 °C
Resolution	0,1 % r.F. / 0,1 °C
Sensor	internal (humidity and temperature)
Memory capacity	max. 32.000 values
Measuring interval	adjustable 2 s, 5 s, 10 s, ... 24 h
Alarm	limit free adjustable
Status	display 2 LEDs (Monitoring / Alarm)
Interface	USB
Software	scope of delivery
Dew Point	will be calculated after transferring datas to the supplied software (accuracy ±2 °C)
Supply	interchangeable, 3,6 V Lithium- Battery (live time approx. 1 year)
Operating	- wall mount bracket - free position (e. g. table)
Operating range	- 40 ... +70 °C / 0 ... 100 % r.F.
Case	ABS-Plastic
Software	min Windows XP (auch 64 Bit)
Dimension	102 x 30 mm
Weight	25 g

85.100.344

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### Electronic moisture meter



**operating on the principle of non-destructive impedance measurement**  
**Fast and non-destructive measurements according to the international standard ASTM F2659 with the Tramex CME5, a device for moisture measurement in concrete slabs and other floor screeds with one Carbide method equivalent scales for concrete and anhydrite screeds. Precise and user-friendly, the CME5 enables the user to use several perform measurements over a large area in the shortest possible time.**

#### Characteristics

- clear and easy to read analog display
- moisture measurement values equivalent to the CM carbide method
- no probing, drilling or mechanical damage to the surface is necessary
- fast and precise values down to a depth of approximately 20 mm (¾") in the plate
- non-destructive in operation
- hold function "freezes" the measured value
- simple data acquisition via Bluetooth (requires App)
- reproducible results
- spring-loaded contact pins compensate for unevenness

85.100.420

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### Measuring Device MT-D04



**the MT-D4 measuring device is designed for use in moisture measurements on concrete floors. The greatest advantage of the measuring device is a non-destructive moisture measuring method while maintaining high accuracy of the measurement result and easy handling of the device.**

#### CHARACTERISTICS

Dimensions	147 x 89 x 33 mm
Power supply	2 x AA batteries
Average working time	with a complete set of new batteries: up to 20 hours
Display	graphic monochrome 128 x 64 pixels, size 61 x 33 mm with backlighting
Operating temperature range	5° C - 40° C
Accuracy	±0.5%
Available scales	1 - concrete (0-6% H2O) 2 - cement screed (0-6% H2O) 3 - cement screed (0-4% CM) 4 - anhydrite screed (0-3.5% H2O) 5 - anhydrite screed (0-1.9% CM) 6 - Caisson scale 0.3-15.3 (0.3-15.3 m) 7 - Relative scale (0-100%)

85.100.550

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**Moisture Meter MT-200**



**the moisture meter was designed to measure the moisture content of concrete, gypsum, cement and EPS. This also allows the analysis of the moisture content of wood.**

**The strengths of the applied method include:**

- high resolution
- no ,zero' calibration necessary
- user friendliness

**Characteristics:**

dimensions	142 x 79 x 24 mm
weight	200 g (with battery pack)
power supply	two AA batteries
average life	20 hours (with new batteries)
display	monochrome, with 128x63 pixel resolution and backlight
operating temperature	adjustable display orientation
measurement scales	5°C bis 40°C
	9

- |                               |  |
|-------------------------------|--|
| 1- Relative scale [%]         | Basic scale. It shows the relative humidity of the material.   |
| 2- anhydrite screed [weight%] | The concrete scale is used for the measurement of anhydrite screed surfaces. Data are in weight percent water.   |
| 3- Anhydrite screed [CM%]     | The concrete scale is used for the measurement of anhydrite screed surfaces. The CM figures are approximations.  |
| 4- Cement screed [weight%]    | The concrete scale is used for the measurement of cement screed surfaces. Data are in weight percent water.  |
| 5- Cement screed [CM%]        | The concrete scale is used for the measurement of cement screed surfaces. The CM figures are approximations.   |
| 6- Concrete [% weight]        | The concrete scale is used for the measurement of concrete surfaces. She determines the percentage of the material contained in the tested material Water weight to the weight of this material in its completely dry Status. The scale ranges from 0% to 6%, with the value of 6% approximately the maximum physical water absorpency of the Concrete determined. |
| 7 gypsum plaster [weight%]    | The scale is used to check the humidity of gypsum plaster. Of the Water content is expressed in weight percent.  |
| 8- Hardwood [% weight]        | The scale is used to check the moisture of wood with the density of 0.6-0.9 [103 kg / m3] (e.g., oak). The water content is expressed as a percentage.   |
| 9- Softwood [% weight]        | The scale is used to check the moisture of wood with the density of 0.4-0.55 [103 kg / m3] (e.g., spruce). The water content is expressed as a percentage ,85.100.510 1 273,57   |

85.100.510	1		
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**CM measuring set according DIN 18560-4**



**Set consisting of:**

- pressure bottle with lid and manometer and digital timer
- 25 ampoules of calcium carbide
- 3 ampoules of test water
- rubble cup
- 20 PE bags
- flat chisel
- club hammer 1000 g + locksmith hammer 300 g
- brush
- duster
- electronic scale + calibration weight
- weighing container
- ball set
- sample scoop
- replacement seals
- operation manual

85.100.250	1		
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**Accessories CM-Tester**



- |   |            |   |  |  |
|---|------------|---|--|--|
| 100 calcium carbide vials for CM measurement unit price per 100 pcs | 85.100.251 | 1 |  |  |
| CM Stainless Steel Balls (3 pcs)                                    | 85.100.254 | 1 |  |  |
| Test medium for CM manometer (10 ampoules)                          | 85.100.252 | 1 |  |  |

### Schmidt Hammer



#### according to the measuring principle by Schmidt.

In addition to its use in construction and construction, the easy-to-use concrete test hammer is often used for other purposes than the intended purpose (hardness testing of products on a roll ...). When placing an order, the concrete testing device is always delivered calibrated at the factory, but can also be optionally laboratorycalibrated (for an additional charge) and equipped with an ISO test certificate / test certificate. very robust construction

Special impact body for almost an infinite number of concrete tests

Easiest operation

Conversion table on the back of the device

Correction aids for the measurement results in the operating instructions

ISO calibration certificate optionally available

#### Technical specification

Measuring range	100 ... 600 kg / cm <sup>2</sup> (~ 9.81 ... 58.9 N / mm <sup>2</sup> )
Accuracy	18 kg / cm <sup>2</sup> (~ ± 1.8 N / cm <sup>2</sup> )
Impact energy	2207 J
Measurement display on the scale	0 ... 100 (dimensionless)
Scale for strength	to convert the dimensionless on the back display in kg / cm <sup>2</sup> (with angle)
Correction	table in the operating instructions
Dimensions	Ø 66 x 280 mm
Weight	1 kg

#### Scope of delivery

Concrete test hammer, emery stone for surface preparation, wooden case and carrying materials

85.300.225	1		
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### Accessories Pull Off Tester



Measure head Ø 50mm

Set with 2 pieces

85.400.255	1		
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Special ep glue 2 comp

MR 1:1

85.400.291	1		
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Core Drill Ø 57/50 (outside/inside Ø)

M16

55.050.001	1		
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Adapter M16 - SDSplus

55.050.101	1		
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**Pull Off Tester automatic**
**Automatic adhesive tensile tester for measuring coatings on metal, wood, concrete and other solid substrates.**

with 50 mm stamp according to ASTM C1583 and ZTV-Ing for concrete, screed; The adhesive strength tester uses hydraulic pressure to measure the force required to detach a specified test area of a coating from the substrate. The pressure is built up automatically by an electronically controlled hydraulic pump and displayed on the large touchscreen.

The automatic system eliminates user-dependent sources of error.

- Suitable for laboratories and construction sites because it is robust, handy and operated with a battery.
- Bluetooth connection to the smartphone app (IOS & Android), USB connection and WiFi for data transmission and storage of broken images
- Measured value memory for 100,000 measurements in up to 1,000 blocks
- User-selectable train rate, train limit and train stop time
- automatic test execution
- Continuous increase in power using an electronically controlled pump
- selectable units: MPa, psi, N / mm<sup>2</sup>, N
- Measuring range: 0 - 3.8 MPa (based on 50 mm dolly)
- test punch diameter: 50 mm (concrete test punch)
- for e.g. Metal, wood and plastic substrates
- Complies with ISO 4624 / 16276-1, ASTM D4541 / D7234, AS / NZS 1580 and ZTV-ING (class 1 according to DIN 51220)
- with rotating display on the touchscreen, depending on the orientation of the AT-A
- The robust touchscreen is scratch-resistant and impact-resistant
- Protection class IP65
- Operation redundant: In addition to the touchscreen, there are 4 buttons for operation e. g. with gloves

The unique, spherical dolly head is held by a ball bearing coupling and thus always ensures correct alignment.

**Technical specifications**

Measuring range	0 ... 20 MPa (= N / mm <sup>2</sup> )
Resolution	0.01 MPa (1 psi)
Accuracy	± 1% (full measuring range)
Power supply	2 x AAA batteries
Dimensions	40 x 20 x 15 cm
Weight	5.5 kg
Standardization	ISO 4624, ASTM C1583

**Scope of delivery**

- 1 x adhesion tester
- 4 pcs. Steel measuring heads (diameter 50 mm),
- 1 x abrasion pad
- 1 x tube of adhesive mass  
(for sticking the steel measuring heads onto the material surface to be tested)
- 1 set of cleaning pads
- 1 x cutting tool
- 2 x batteries
- 1 x carrying case
- 1 x calibration certificate (American NIST -Standard)
- 1 x video for operation
- 1 x instruction manual

85.400.101 1

**Special Glue Set**
**200 gr. 2-k epoxy resin MR 1:1  
5 mixing cups of 300 ml, 10 handheld wooden mixing stick**


85.400.290 1



# 4

## Injection




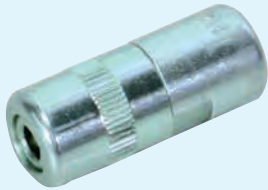
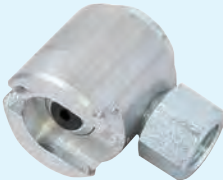




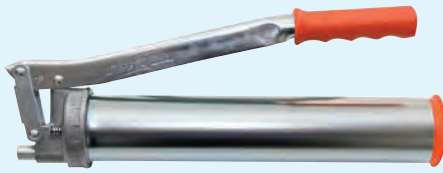




Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Injector Steel</b>	<b>galvanized steel, two parts with unscrewable clamping nut M6</b> HK: high pressure round nipple (Standard) HF: high pressure pan nipple NK: low pressure round nipple NF: low pressure pan nipple		Ø 8 x 85 mm	00.008.085HK	100	500	1000	
				00.008.085HF	100	500	1000	
		Ø 10 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		
		Ø 10 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		
		Ø 13 x 85 mm	00.013.085HK	100	500	1000		
			00.013.085NK	100	500	1000		
	Ø 13 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			
<b>1-day steel packer</b>	<b>special retaining spring, 38 mm remain in construction</b>		Ø 13 x 120 mm	00.013.115HK	100	500	1000	
<b>Hose Packer</b>	<b>from galvanised steel, with internal Thread M6, HP round head nipple M6, for injection hoses with inside Ø 3.5 - 6mm</b>			00.040.008	100	500	1000	
<b>injection hose</b>	<b>outer Ø 13 mm, inner Ø 6 mm</b>		price per meter	00.034.047	10			
<b>Adhesive Packer</b>	<b>safety groove, adhered Ø 50 mm, Height 26 mm</b>		with HP round head nipple M6	00.045.039HK	100	500	1000	
	LP round head nipple M6		00.045.039NK	100	500	1000		

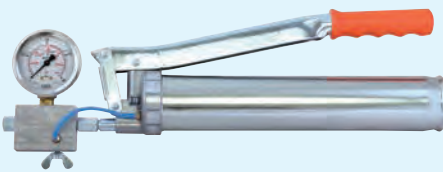
Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Sticking Template</b>		<b>Tool to hold adhesive packer to apply the adhesive ( insulating material, e. g. EP adhesive or PUR adhesive ) The exactly required amount of adhesive ( approx. 6g ) is applied on the adhered. Access to the crack is maintained</b>	00.046.010	1				
<b>Adhesive Packer with pressure hose 66 x 41 x 3 mm</b>		<b>for permanent injections with pressure hose</b> LP round head nipple M6	00.145.066	1	10	100		
<b>Polymer packer Standard</b>		<b>with LP round head nipple, 13 lamella</b> Ø 12 x 65 mm	00.112.165	100	500	1000		
<b>Polymer packer Economy</b>		<b>with LP round head nipple, 5 lamella</b> Ø 18 x 80 mm	00.118.080	100	500	1000		
<b>Mounting Tool</b>		<b>for polymer packer</b> for article 00.118.080	00.180.002	1				
		for all Economy and Standard polymer packer	00.180.005	1				
<b>Screed screw packer</b>		<b>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</b> Ø 10 x 70 mm Ø 13 x 70 mm	00.150.107 00.150.307	100 100	500 500	1000 1000		

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
<b>Injektion Mouthpiece</b> 	<b>to inject low viskose resin in hollows</b>							
	Ø 1,4 mm	00.200.014	1					
<b>Round head nipple</b> 	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	
<b>Pan head nipple</b> 	<b>Ø 16 mm Kopf</b>							
	High pressure nipple (Opening pressure 15-20 bar) M6	00.300.201	100		500		1000	
<b>Grip Coupling</b> 	for round head nipple	00.400.101	1		10		20	
	with non-return valve	00.400.105	1		10		20	
<b>Slide Coupling</b> 	<b>for Ø 16 mm pan head</b>							
	lateral	00.400.201	1		10		50	
	straight	00.400.210	1		10		50	
	Replacement Set for Slide Coupling straight	00.400.221	1		5		10	
<b>Hose</b> 	<b>external thread M10x1 on both ends</b>							
	Ø 8 x 300 mm	00.400.501	1		5		10	
	Ø 8 x 500 mm	00.400.502	1		5		10	
	Ø 8 x 1000 mm	00.400.510	1		5		10	
	Ø 8 x 2200 mm	00.400.522	1		5		10	
	Ø 8 x 5300 mm	00.400.535	1		5		10	
<b>Nozzle tubes</b> 	<b>M10x1 thread, without mouth piece, 140 mm</b>							
	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, incl. motor (drill)

00.930.002	1			
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**Billing Address**

**Delivery Address**

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## General terms and conditions

### 1. General - Scope

Our General Terms and Conditions of Business apply to all mutual claims arising from and in connection with the conclusion of a contract regarding the goods offered in our online shop, our goods catalogue or via sales representatives. Sale only to entrepreneurs, tradesmen, freelancers and public institutions, but not to consumers within the meaning of § 13 BGB. All prices in Euro plus VAT. Offers subject to confirmation

We do not recognise any terms and conditions of the customer that conflict with or deviate from our General Terms and Conditions unless we have expressly agreed to their validity. Our General Terms and Conditions of Business shall also apply if we carry out the delivery without reservation in the knowledge of terms and conditions of the customer that conflict with or deviate from our General Terms and Conditions of Business. Individual agreements have priority.

We sell the goods we offer exclusively to commercial customers upon presentation of proof. We do not supply private customers or consumers.

### 2. Registration in our online shop / guest access

You have the option of creating a user account in our online shop [www.multitool.de](http://www.multitool.de). A sale to non-registered customers is not possible. When entering the personal data required for your registration, you are responsible for providing truthful and complete information. You are obliged to treat the personal access data confidentially and not to make it accessible to any unauthorised third party. The data required for registration is transmitted to us either by fax or email. You will then receive an e-mail with your access data. With your access data, you can log in directly to our online shop via your user account.

You are obliged to maintain only one customer account. If we become aware of multiple registrations, we reserve the right to warn the customer or to delete the customer account if the aforementioned provision has been violated. We are not obliged to accept the registration or the order of a registered customer.

### 3. Offer and conclusion of contract / Technical procedure / Storage of the contract text

The offers in our online shop and our goods catalogue are non-binding and subject to change. The contractual language is German. The concrete content of the contract can be found in the respective offer.

Registration as a customer is required before making a purchase.

By clicking the button „order subject to payment“ in our online shop, you make a binding offer to us to conclude a contract with you. You will immediately receive a confirmation of the receipt of your order. This does not constitute acceptance. The contract is only concluded when we accept the offer by sending the order confirmation or send the goods.

In our online shop, the ordering process comprises several steps. In the first step, you select the item by clicking on it, which is then placed in the shopping basket. You can now continue the ordering process or continue shopping. To continue the ordering process, select the shipping method and payment method in the next step. You can now view the entire order process and all the details. You can check the details and make changes. By clicking the button „Order with obligation to pay“, you are making a binding offer to us to conclude a contract with you.

You have the option at any time during the entire ordering process to check and correct the entries you have made by selecting the „back“ button in your browser and then making the corresponding changes. By closing the browser, you can cancel the entire ordering process at any time.

The text of the contract will be saved by us. We will send you the GTC and the order confirmation by email. The text of the contract can be viewed by you on your user account if you have one. You can also archive the data of your order by downloading the GTC and saving the data summarised on the last page of the order process in the Internet shop using the functions of your browser. An order is also possible via our respective current catalogue as well as one of our sales representatives.

### 4. Price, shipping costs, delivery conditions, shipping and delivery times

The prices shown by us are in Euro plus VAT.

The delivery and shipping costs are not included in the final price and will be calculated separately and communicated to you. The present catalogue prices are subject to change. We reserve the right to adjust the prices in accordance with the cost increases that have occurred and to invoice the price applicable at the time of delivery.

The delivery time is usually 24 - 48 hours for deliveries within Germany.

This does not apply if a different delivery time has been agreed. If there are delays, for example because the ordered item is not in stock, we will inform you immediately.

Please refer to the current shipping costs overview for our shipping costs for Germany: For all other countries, these must be calculated separately. You will be informed of the shipping costs separately by e-mail.

The dispatch of the goods shall be at the risk of the customer. The delivery time shall be extended appropriately in the event of measures in the course of industrial disputes, as well as in the event of the occurrence of unforeseen obstacles. In such cases, we also reserve the right to withdraw from the contract.

### 5. Payment options and conditions

Payment can be made by direct debit or by bank transfer after receipt of the invoice. In the case of payment in advance, we will provide you with the bank details in the order confirmation. If payment is not received 7 working days after sending the order confirmation when choosing the payment method „in advance“, we are entitled to withdraw from the contract. Our invoices are due in accordance with the payment terms stated on the order confirmation and invoice. Subsequently, default shall occur and we shall be entitled to charge default interest at a rate of 8 percentage points above the base interest rate of the European Central Bank without the need for a prior reminder.

### 6. Return and warranty

Complaints about recognisable defects must be notified to us in writing within a period of 1 week after receipt of the goods. Claims of the purchaser, in particular claims for damages including loss of profit or due to other financial losses of the purchaser are excluded. Liability for any kind of consequential damage caused by a defect is also excluded.

Returns are generally possible upon request and after approval. Goods produced and delivered to order are generally excluded from returns.

Requirements: A return must be registered with Multitool GmbH.

We reserve the right to return goods carriage forward if they are returned to us without registration or a return note and cannot therefore be allocated.

In principle, we only accept returns under the following conditions:

- The goods are in their original packaging (in the case of sample returns: in the original packaging), in their original condition, undamaged and fit for sale.
- The goods are in stock at our warehouse. The goods are stocked by us, are not custom-made and are part of the current Multitool catalogue or our online shop.
- The delivery was not more than 4 weeks ago.
- You have received an incorrect, damaged or defective item from us.

The goods must generally be returned „free domicile“ or in accordance with Incoterms®2020 - DAP Schwetzingen, otherwise we reserve the right to refuse acceptance.

### Credit notes for returns

Credit notes are generally issued taking into account the price invoiced in each case (and any cash discount deducted as well as other benefits). There will be no reimbursement of shipping costs; in addition, a handling fee will be charged. The freight and customs costs incurred and / or other expenses will be deducted or recalculated in the credit note.

The credit amount is a maximum of 85% of the net value of the goods (minimum processing costs 20 euros) per return. Further costs incurred (depending on the condition of the goods, for possible reconditioning, repainting, etc.) will also be deducted from the credit note or subsequently invoiced. Freight costs / postage costs already incurred will not be reimbursed.

### 7. Retention of title

We retain ownership of the goods until the purchase price has been paid in full.

The customer must inform us immediately of any enforcement measures by third parties against the goods subject to retention of title, handing over the documents necessary for an intervention; this also applies to impairments of any other kind. Irrespective of this, the customer must inform the third parties in advance of the existing rights to the goods.

### 8. Liability for defects

In the event of a defect, we shall be liable in accordance with the statutory provisions.

### 9. Liability for damages

In the case of a legally prescribed fault-based liability (for example from guarantees or according to the Product Liability Act), we are liable without limitation, as well as in the case of personal injury (injury to life, body and health). We are also liable without limitation for intent and gross negligence. In the case of slight negligence, we shall only be liable for the breach of cardinal obligations, i.e. obligations which must be granted to you according to the meaning and purpose of the specific contract or the fulfilment of which is a prerequisite for the proper performance of the contract and on the observance of which you may regularly rely. However, we shall not be liable for indirect or unforeseeable damage, consequential damage, loss of profit or loss of savings. Furthermore, our liability is excluded in the event of slight negligence. The limitation of liability also applies to our vicarious agents.

### 10. Environment / Disposal

Batteries/Accumulators

As the end user, you are obliged to dispose of used batteries and rechargeable batteries separately. They must not be disposed of with household waste. The batteries and rechargeable batteries are marked with the symbol of a crossed-out dustbin, i.e. they must not be disposed of with household waste.



Symbol of a crossed-out dustbin according to Annex 5 of the Batteries Act (BattG)

You have the option of returning the batteries and rechargeable batteries:

- at a public collection point
- where batteries and accumulators are sold
- by post to us

This regulation also applies if the batteries and accumulators are not sold separately but are built into a device.

Meaning of the chemical symbols:

- Cd: contains more than 0.002 mass percent cadmium
- Hg: contains more than 0.0005% mercury by mass
- Pb: contains more than 0.004 mass percent lead

Electrical and Electronic Equipment Act

Electrical and electronic equipment must not be disposed of with household waste. The appliances are marked with the symbol of a crossed-out dustbin, i.e. they must not be disposed of with household waste.



Symbol of a crossed-out dustbin according to Annex 5 of the Batteries Act (BattG)

Consumers have the opportunity to hand in their WEEE free of charge at one of the municipal collection points or at their local retailer.

### 11. Data protection

The customer data we collect and store is used exclusively for the purpose of processing the contract. The first name and surname of the customer, the corresponding invoice and delivery address as well as the e-mail address and telephone number are stored.

The personal data transmitted to us will only be stored for as long as is necessary due to the purpose associated with the transmission of the data. The data stored by us will not be passed on to third parties, with the exception of the passing on of data to the shipping company commissioned with the delivery, insofar as this is necessary for the delivery of the goods, and the passing on of data due to legal obligation and in the case of express prior consent on your part. Revocation of the granted use is also possible at any time subsequently.

You have the possibility to subscribe to our newsletter. To do so, click on the item „Newsletter“. After clicking, you will be taken to a sub-page where you must enter your email address and press the „confirm“ button to subscribe to the newsletter. Your email address can be used for our own advertising purposes with your explicit consent. You can unsubscribe from the newsletter at any time. You can do this both by telephone and by means of a clear declaration (e.g. a letter sent by post, fax or email).

According to the Federal Data Protection Act, you have the right to obtain information about your stored personal data at any time. If you have any questions about the collection, processing or use of your personal data, for information, correction, blocking or deletion of data, please contact:

**Multitool GmbH**

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68723 Schwetzingen  
Phone: +49 6202 59863-0  
Fax: +49 6202 59863-10  
E-mail: [datenschutz@multitool.de](mailto:datenschutz@multitool.de)

For the rest, we refer to our data protection declaration <https://www.multitool.de/Datenschutz/>.

### 12. Applicable law and place of jurisdiction

The law of the Federal Republic of Germany shall apply to all legal transactions with us. The UN Convention on Contracts for the International Sale of Goods (CISG) and any other intergovernmental agreements, even after their adoption into German law, shall not apply.

The exclusive place of jurisdiction for contracts with merchants, legal entities under public law or special funds under public law is the court responsible for our place of business. The same shall apply if a customer does not have a general place of jurisdiction in Germany or if the customer's place of residence or habitual abode is unknown at the time the action is brought.

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