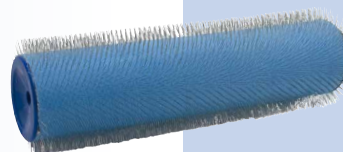


Professional tools for floor coating





Multitool is a manufacturer and supplier of high quality tools for the construction trade. We have more than 25 years' experience and maintain a policy in which you as our customer are King.

Our strength is our direct contact with the client, which is facilitated and enhanced by our network of sales representatives. To exactly understand your requirements is our main concern for which reason we encourage informative exchange with you. We have enhanced and improved our product range, with the aim to best meet your requirements. Over the years we have expanded our offer to you. The products in our catalogue include the most popular tools relevant to the construction trade, including a wide range of special tools.

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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.



**Professional Tools
for floor coatings**

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1

Floor coating

1 – 118

2

Protective Equipment

119 – 144

3

Testing and Measuring

145 – 158

4

Injection

159 – 164

Acryl Roller	11	Eye Rinsing Bottle	134	Linomat Patent Roller	19	Scale	150
Adapter for Diamond Segments	104	Fabric Covering	64	Locksmith Hammer	76	Scaling Spatula	72
Adhesive Spreader	29	Fabric Waste Bag	66	Loop Roller	54	Scatter Tube	73
American Trowel	26	Facade Roller	14	Marking Needs	67	Schmidt Hammer	155
Application Box for resin mortar	49	Face Shield Lotion	136	Masons Lacing Cord	65	Scissor	23
Balance	117	F-Clamp	76	Measuring Cup	22/149	Scraper	39
Barrel Dump	95	Finish Trowel	26	Measuring Tape	148	Scraper	72
Barrel Plug Key	95	First Aid Box	134	Measuring Wedge	149	Screed Clamp	56
Barrier Tape	66	Flake Gun	93	Microfibre Roller	16	Screed Rake	42
Big Bag	66	Flake Shaker	93	Microfibre-Mix Roller	16	Screed Slippers/Shoes	51
Bond+Cover	62	Flashlight	81	Mixing Cup	22/149	Screed Trowel	24
Bracket Connection for Rubber Squeegee	40	Flat Brush	8	Mixing Tools	88	Screwdriver (VDE)	78
Bricklayer Trowel	28	Flex-Duo Spatula	30	Mohair Roller	15	Screwdriver Sets	78
Broom	69	Flexible Grinding Disc	99	Moisture Meter	153	Scrubbing Brush	71
Broom Handle	71	Floating Tool Robot	35	Mortar Bucket	94	Seam Roller	10
Broom Tip	40	Floating Trowel	34	Mortar Trowel	27	Sheet Thickness Gauge	147
Brush	5	Floor Grinding Cup	113	Moulding Strip	56	Sheet Thickness Trowel	27
Brush to Tape Application	61	Floor Grounding Test Point Kit	116	Multilayer Paper Role	64	Shock Spatula	72
Bucket	21/94	Floor Mop	38	Non-woven Cloth	115	Shovel	73
Bucket Carrier	49	Floor Painting Brush	7	Notched Blades for Rake	40	Shovel Handle	73
Bucket Trolley	95	Floor Rake	39	Notched Rake	39	Sieve	93
Burnt Coarse Foam Roller	18	Floor Scraper	72	Notched Rubber Blades	44	Single Blade Spatula	30
Cable	83	Floor Spatula	24	Notched Steel Blades	46	Skin Lotion	135
Cable Drum	85	Floorbridge Trowel	34	Notched Trowel	27	Skin Protection	136
Cable Tie	77	Foam Roller	18	Nylon Roller	12	Smoothing Brush	63
Can Opener	21	Foam Roller coarse	18	Odometer	148	Spare Parts for Pull Off Tester	156
Carbide Disc	97	Foil	63	Packing Tape	61	Spatula Aluminium	29
Carpenter's Pencil	65	Folding Rule	147	Paddle Roller	55	Spiked Roller	52
Carpet Clamp	71	Funnel	22	Paint Bucket	21/94	Spiked Shoes	50
Cartouche Gun	74	Glass protective film	64	Paint Scraper	72	Spiked Slippers	51
Cartouche Gun Spare Parts	75	Gloves	121	Paint Tray	21	Spiked Wheel f. wheelbarrow	55
Cat Tongue Trowel	28	Glue Set for Pull Off Tester	156	Painters Spatula	30	Sponge	36
Ceiling Brush	7	Glue Sticks	87	Paper Hanging Brush	10	Spoon Balance	117
Chalk Reel	65	Grease Gun	164	Paper Role	115	Stencil	68
Chaps	143	Grid	21	PCD Grinding Cup	112	Stirrer	89
Chisel	76	Grinding Cup Silicium Carbide	96	Pigment Powder	65	Stirrer Hand Wood	22
Chisel SDS-Plus	79	Grinding Fleece	100	Pin Rake	41	Stretch Foil	66
Cleaning Disc	98	Grinding Float	101	Pin Rake US	41	Stripping Pad	102
Cleaning Pad	102	Grinding Mop	98	Pincer	77	Stuccoists Spatula	29
Cleaning Spatula	94	Grinding Pad	101	Pipe Roller	19	Substrate Roughness Determination Set	154
Club Hammer	76	Grinding Segments Silicium Carbide	98	Plasterer Trowel	28	Supporting Plate	99
CM Measuring Set	155	Grinding Tools	96	Plastic Trowel	27	Surface Roughness Template	147
Concave & Triangle Trowel	31	Grouting Rubber	30	Polyamide Roller	14	Swiss Trowel	25
Concrete Test Hammer	155	GURAK® Rake	43	Polyester Roller	15	Tape	59
Conductive Kit	116	GURAK® Rubber Blades	43	Pore Spatula	30	Tar Brush	7
Copper Tape	116	GURAK® Sealing Rubber Blades	43	PP-Protection Boot	142	Telescopic Bar	21
Core Drill	114	Hammer Drill SDS-Plus	79	PRCD-S Protective Device	86	Thermo-Hygrometer	151
Corner Roller	55	Hand Broom	69	Pressure Sprayer	58	Thickness Gauge	47
Corner Trowel	29	Hand Cleaner	135	Primer Roller	11	Tiler Trowel	28
Corrugated Fastener	56	Hand Grinder	100	Profile Spatula	31	Tiler Washing Set	57
Cotton Cleaning Rag	115	Hand Grinder Silicium Carbide	99	Protection Boot	52	Tongue Trowel	28
Cover Felt	64	Hand Rake for notched Rubber Blades	43	Protective Clothing	139	Top Coat Roller	12
Cutter Knife	23	Hand Scoop	73	Pull Off Tester	156	Trash Bag	66
Cutting Disc	102	Hand Support	52	Push Spatula	72	V-Crack Squeegee	37
Datalogger Thermo-Hygrometer	152	Handle	20/71	Rake	40	Velour Roller	15
Deaeration Roller	52	Handle Bracket	40	Rake for notched Rubber Blades	43	Venetian Trowel	25
Deep Hole Marker	65	Handle Bracket with Hinge	40	Rake U-Bracket	41	Vernier Caliper	147
Dew Point Template	147	Head Protection	130	Rake w. clamping bar & pins	42	Vestan Roller	11
Diamond Grinding Cup	109	Heat Gun	87	Rake with propeller	42	V-Grinder	113
Diamond Segments	104	Hex Key	78	Rake with screws	42	Voltage Tester	77
Dispenser	61	Hot Glue Gun	87	Rake with skids	42	Wall Brush	8
Disposable Protective Clothing	139	Infrared Thermoter	151	Ratchet Tie Down	66	Wallpaper Roller	10
Distance Meter	148	Injection	161	Replacement Lamp	82	Wallpaper Trowel	10
Driving Disc	107	Injection Spare Parts	161	Respiratory Protection	127	Warning Sign	49
Drum Tap	95	Injector	161	Roller Box	55	Waste Bag	66
Dust Door	64	Japanese Spatula	30	Roller Handle	20	Wax Cryon	65
Dust Pan	70	Joint Board	28	Roller Squeezer	21	Waxing Mop	38
Dust Shroud	109	Joint Cleaner	114	Round Brush	9	Wipe Mop	38
Dusting Brush	10	Joint Cleaner Tiles	57	Rubber Blades	44	Wipes	136
Ear Protection	133	Joint Cutting Cup	114	Rubber Grouter	58	Wire Brush	71
Enamel Brush	9	Joint Primer Brush	10	Rubber Squeegee	37	Wrecking Bar	76
Energy Station	86	Joint Smoother	57	Rubber Squeegee Magic	38	ZEC Grinding Disc	98
ESD Floor Tester	149	Joint Trowel	29	Safety Goggles	130		
ESD Products	116	Knee Pad	137	Safety Vest	133		
Extender Cable	83	Laminating Roller	55	Sanding Disc	97		
Eye and Respiratory Protection Combination	132	Laser Rangefinder	148	Sanding Float	100		
Eye Protection	130	LED Light	81	Sanding Paper	99		
		Level	148	Sanding Screen	97		
		Level Pins	56	Sanding Sponge	100		

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





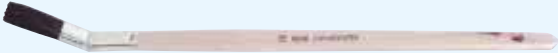
Round Brush	Size	2	4	6	8	10	12	14	16	18
	Ø in mm	20	25	30	35	40	45	50	55	60

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
			Vestan	Polyester knitted								xxx
Acryl	Synthetic spinning fibre, cheap alternative to polyamid fibres	x	x	x					xx	xx	xx	
Nylon	Polyamid yarn textured (curled) filament yarn					xxx	xxx	x		xx	xx	
Gold Stripe	Polyamid yarn spinned	xxx	xxx	xxx				xxx				
Polyester	Polyester yarn woven	xx	xx	xx		x	x		xx	xx	xx	
Mohair	Goat hair					xxx	xxx		xxx	xxx	xxx	
Velour	Shorn lamb hair					xxx	xxx		xxx	xxx	xxx	
Lamb Skin	Lamb Skin	xxx	xxx	xxx								
Micro Fibres	Polyester filament yarn			xxx	xxx	xx	xx	xxx			xx	
Mcro Fibres Mix	Mix of various polyester ficro fibres				xxx	xxx	xxx	xxx			xx	
	xxx = very suitable xx = well suited x = suitable											





Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Radiator Brush Industry Quality 	light natural bristle, for cleaning purposes, resistant against many solvents, approx. 60% tops (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 9 mm, bl 40 mm	011.010	12	360		
	1,5" (35 mm) ferrule thickness approx. 10 mm, bl 45 mm	011.015	12	300		
	2" (50 mm) ferrule thickness approx. 11 mm, bl 50 mm	011.020	12	240		
	2,5" (60 mm) ferrule thickness approx. 12 mm, bl 50 mm	011.025	12	180		
	3" (70 mm) ferrule thickness approx. 12 mm, bl 60 mm	011.030	12	120		
Radiator Brush Good Industrial Quality 	grey PET/PBT/natural bristle mix, resistant against many solvents, approx. 70-80% tops (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 9mm, bl 45 mm	011.110	12	360		
	1,5" (35 mm) ferrule thickness approx. 10mm, bl 45mm	011.115	12	300		
	2" (50 mm) ferrule thickness approx. 11mm, bl 50mm	011.120	12	240		
	2,5" (60 mm) ferrule thickness approx. 12mm, bl 51mm	011.125	12	180		
	3" (75 mm) ferrule thickness approx. 12mm, bl 56mm	011.130	12	120		
Radiator Brush Master Quality 	black PET/PBT/natural bristle mix, resistant against many solvents, approx. 70-80% tops (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 9mm, bl 45 mm	012.010	12	360		
	1,5" (35 mm) ferrule thickness approx. 10mm, bl 44 mm	012.015	12	300		
	2" (50 mm) ferrule thickness approx. 11mm, bl 50 mm	012.020	12	240		
	2,5" (60 mm) ferrule thickness approx. 12mm, bl 52 mm	012.025	12	180		
	3" (75 mm) ferrule thickness approx. 12mm, bl 58 mm	012.030	12	120		
Radiator Brush German Standard 	light PET/PBT/natural bristle mix, wooden handle, resistant to many solvents, fully tipped and glued with epoxy resin, approx. 70-80% tops (Made in Germany) (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 8 mm, bl 43 mm	012.110	12	120		
	1,5" (35 mm) ferrule thickness approx. 8 mm, bl 43 mm	012.115	12	120		
	2" (50 mm) ferrule thickness approx. 8 mm, bl 48 mm	012.120	12	120		
	2,5" (60 mm) ferrule thickness approx. 8 mm, bl 48 mm	012.125	12	120		
	3" (75 mm) ferrule thickness approx. 8 mm, bl 48 mm	012.130	12	120		

Floor coating

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Radiator Brush Master Class 	light PET/PBT/natural bristle mix, wooden handle, resistant to many solvents, fully tipped and glued with epoxy resin, approx. 80% tops (Made in Germany) (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 8 mm, bl 45 mm	012.210	12	120		
	1,5" (35 mm) ferrule thickness approx. 8 mm, bl 50 mm	012.215	12	120		
	2" (50 mm) ferrule thickness approx. 9 mm, bl 56 mm	012.220	12	120		
	2,5" (60 mm) ferrule thickness approx. 10 mm, bl 60 mm	012.225	12	120		
	3" (75 mm) ferrule thickness approx. 10 mm, bl 62 mm	012.230	12	120		
Radiator Brush Professional 	black PET/PBT/natural bristle mixture, for highest demands, our best quality, polished wooden handle, fully tipped and glued with epoxy resin, approx. 90% tops, (Made in Germany) (bl = bristle length)					
	1" (25 mm) ferrule thickness approx. 9 mm, bl 43 mm	012.310	12	120		
	1,5" (35 mm) ferrule thickness approx. 9 mm, bl 50 mm	012.315	12	120		
	2" (50mm) ferrule thickness approx. 9 mm, bl 56 mm	012.320	12	120		
	2,5" (60 mm) ferrule thickness approx. 9 mm, bl 56 mm	012.325	12	120		
	3" (75 mm) ferrule thickness approx. 9 mm, bl 62 mm	012.330	12	120		
Facade Brush Master Class 	light high quality PET/PBT/natural bristle mix, 12th grade, long wooden handle, approx. 90% tops (bl = bristle length)					
	2" (50 mm) bl 56 mm	012.620	1	12		
	3" (75 mm) bl 65 mm	012.630	1	12		
	4" (100 mm) bl 65 mm	012.640	1	12		
Facade Brush Top Quality 	light, high quality PET/PBT/natural bristle mix, 12th grade, 3 x boiled bristle, short wooden handle, approx. 90% tops					
	3" (75 mm) BL 68 mm	012.830	1	12		
Linedrawer angeled 	black PET/PBT/natural bristle mix, approx. 80% tops					
	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
Ceiling Brush Silverpren 	special Silverpren filling, punched in bundles, plastic handle with thread and bucket hook, solvent resistant, bristle length approx. 70 mm 18 x 8 cm	014.020	6		12	
Ceiling Brush Economy 	synthetic bristles, light coat, dark insertion, punched in bundles, plastic handle with thread and bucket hook, bristle length approx. 70 mm 17 x 7 cm	014.030	6		12	
Tar Brush 	heat resistant bristles, bristle length approx. 65 mm 17 x 7 cm	014.040	1		12	
Tar scrubber 	heat resitant bristles, bristle length approx. 70 mm 6,8 x 22,5 cm	014.042	1			
Floor Painting Brush 	pure china bristles, vulcanized, with handle bracket, bristle length approx. 55 mm 21 x 3 cm 30 x 3 cm	014.052 014.053	1 1			

Floor coating

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Wall Brush 	light PET/PBT/natural bristle mix, plastic handle with thread and bucket hook, bristle length approx. 45 mm					
	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	
Flat Brush 1st grade 	light PET/PBT/natural bristle mix, untreated wooden handle, approx. 70% tops (bl = bristle length)					
	25 mm bl 38 mm	015.210	12		120	
	35 mm bl 41 mm	015.215	12		120	
	50 mm bl 43 mm	015.220	12		120	
	60 mm bl 47 mm	015.225	12		120	
	70 mm bl 48 mm	015.230	12		120	
Flat Brush Economy 6th grade 	value for money quality, light PET/PBT/natural bristle mix, plastic handle, approx. 70% tops (bl = bristle length)					
	25 mm bl 45 mm	015.510	12		120	
	35 mm bl 45 mm	015.515	12		120	
	50 mm bl 45 mm	015.520	12		120	
	60 mm bl 45 mm	015.525	12		120	
	70 mm bl 45 mm	015.530	12		120	
Flat Brush Master Quality 9th Grade 	light PET/PBT/natural bristle mix, waxed, wooden handle, approx. 70-80% tops (bl = bristle length)					
	25 mm bl 40 mm	015.010	12		120	
	35 mm bl 45 mm	015.015	12		120	
	50 mm bl 51 mm	015.020	12		120	
	60 mm bl 51 mm	015.025	12		120	
	70 mm bl 51 mm	015.030	12		120	
	100 mm bl 60 mm	015.040	6		120	

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

Flat Brush Master Quality 6th Grade



**Polymix bristle, for water based products, brass ferrule plastic handle
(bl = bristle length)**

20 mm bl 45 mm	016.520	12	120
25 mm bl 45 mm	016.525	12	120
35 mm bl 52 mm	016.535	12	120
50 mm bl 52 mm	016.550	12	120
60 mm bl 58 mm	016.560	12	120

Round Brush Economy



**light PET/PBT/natural bristle mix, short white rope, approx. 60% tops
(bl = bristle length)**

size 2 Ø20 mm, bl 35 mm	017.002	12	120
size 4 Ø25 mm, bl 35 mm	017.004	12	120
size 6 Ø30 mm, bl 35 mm	017.006	12	120
size 8 Ø35 mm, bl 35 mm	017.008	12	120
size 10 Ø40 mm, bl 40 mm	017.010	12	120
size 12 Ø45 mm, bl 40 mm	017.012	6	120

Round Brush Master Quality



**black PET/PBT/natural bristle mix, approx. 90% tops
(bl = bristle length)**

size 2 Ø 20 mm, bl 55 mm	018.002	12	120
size 4 Ø 25 mm, bl 60 mm	018.004	12	120
size 6 Ø 30 mm, bl 65 mm	018.006	12	120
size 8 Ø 35 mm, bl 65 mm	018.008	12	120
size 10 Ø 40 mm, bl 70 mm	018.010	12	120
size 12 Ø 45 mm, bl 85 mm	018.012	6	60

Enamel Brush



**light chinese bristles
(bl = bristle length)**

size 1 Ø12 mm, bl 28 mm	017.101	12	120
size 2 Ø14 mm, bl 28 mm	017.102	12	120

Floor coating

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Joint Primer Brush 	PE bottle with mounted brush 250 ml 500 ml	017.925	1			
		017.950	1			
Dusting Brush 	pure grey Chinese bristles, in row vulcanized, untreated wooden body, bristle length approx. 57 mm 17 cm	014.055	3		12	
Paper Hanging Brush 	synthetic bristle, punched in bundles, unvarnished wooden handle, handle with hole, bristle length 50 mm 30 x 2,5 cm	020.030	3			
Wallpaper Trowel 	plastic, trapezoidal, round edges 23 cm	19.410.023	3			
Wallpaper Roller 	conical form, smooth surface, with plastic handle roll width 3,5 cm rollØ 3,3 auf 3,8 cm	19.420.035	3			
Wallpaper Roller 	plastic handle soft rubber 4 cm 14,5 cm	19.401.005	3			
		19.401.015	3			

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

**Vestan DIY
Pile 18 mm**

pile weight approx. 715 g/m², coreØ 42 mm, incl. handleØ 6 mm

18 cm	10.918.018	25		
25 cm	10.925.018	25		

**Vestan Primer Roller unpadded
Pile 18mm**

high quality pile, fluffs, pile weight approx. 1300 g/m², coreØ 48 mm

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	

**Vestan Primer Roller yellow padded
Pile 18 mm**




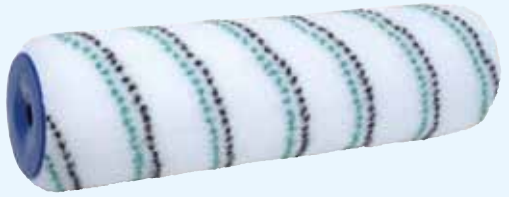
specifically for rough surfaces, only for priming, fluffs, pile weight approx. 1400 g/m², padded 4 mm, coreØ 48 mm

18 cm	10.018.002	10	100	
25 cm	10.000.002	10	100	

**Acryl Universal Roller
Pile 18 mm**

for primer and sealant, green, coreØ 48 mm

25 cm	10.900.001	10	100	
Radiator Roller, coreØ 17 mm Pile 12 mm 10 cm	15.910.012	10	100	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Nylon Top Coat Roller Economy Pile 5 mm 	red/red thread, for sealing smooth surfaces, solvent resistant, coreØ 48 mm					
	25 cm	10.101.005	10		100	
	50 cm	10.151.005	10		100	
	Radiator roller coreØ 17 mm 10 cm	15.111.005	10		100	
Nylon Top Coat Roller Premium Pile 6 mm 	blue/yellow thread, for sealing smooth surfaces, lint-free, both ends chamfered solvent resistant, coreØ 48 mm					
	12 cm	10.112.006	10		100	
	18 cm	10.118.006	10		100	
	25 cm	10.100.006	10		100	
	40 cm	10.140.006	1		10	
	50 cm	10.150.006	1		10	
	Radiator roller coreØ 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 coreØ 30 mm 12,5 cm	15.125.006	10		100	
CoreØ 55 mm for fast and low-splash application of sealer 50 cm	10.155.006	1		10		
Nylon Top Coat Roller Premium Pile 8 mm 	blue/blue thread, for sealing smooth surfaces, both ends chamfered, lint-free, solvent resistant, coreØ 48 m					
	18 cm	10.118.008	10		100	
	25 cm	10.100.008	10		100	
	40 cm	10.140.008	1		10	
	50 cm	10.150.008	1		10	
	60 cm	10.160.008	1		10	
	Radiator roller coreØ 17 mm 5 cm	15.105.008	20		100	
	10 cm	15.110.008	10		100	
15 cm	15.150.008	10		100		
CoreØ 55 mm for fast and low-splash application of sealer 50 cm	10.155.008	1		10		
Nylon Top Coat Roller Economy Pile 8 mm 	with green/black thread, for sealing smooth surfaces, both ends chamfered, solvent resistant, coreØ 48 mm					
	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 smooth and slight rough surfaces, lint-free, both ends chamfered, solvent resistant, coreØ 48 mm

12 cm	10.112.012	10	100
18 cm	10.118.012	10	100
25 cm	10.100.012	10	100
40 cm	10.140.012	1	10
50 cm	10.150.012	1	10
Radiator roller coreØ 17 mm			
10 cm	15.110.012	10	100
15 cm	15.150.012	10	100
Midi Roller coreØ 30 mm			
10 cm	15.125.012	10	100
CoreØ 55 mm for fast and low-splash application of sealer			
50 cm	10.155.012	1	10

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





blue thread, for sealing smooth and slight rough surfaces, lint-free, both ends chamfered, solvent resistant, coreØ 48 mm

18 cm	10.118.014	10	100
25 cm	10.100.014	10	100
40 cm	10.140.014	1	10
50 cm	10.150.014	1	10
60 cm	10.160.014	1	10
Radiator roller coreØ 17 mm			
5 cm	15.105.014	20	100
10 cm	15.110.114	10	100
15 cm	15.150.014	10	100
Midi roller coreØ 30 mm			
10 cm	15.125.014	10	100
CoreØ 55 mm for fast and low-splash application of sealer			
50 cm	10.155.014	1	10

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

red thread, for sealing smooth and slight rough surfaces, lint-free, both ends chamfered, solvent resistant, coreØ 48 mm

18 cm	10.119.014	10	100
25 cm	10.101.014	10	100
50 cm	10.151.014	1	10
Radiator roller, coreØ 17 mm			
10 cm	15.110.014	10	100

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Nylon Top Coat Roller Premium Pile 18 mm 	blue thread, for sealing smooth and rough (broadcasted) surfaces, lint-free, both ends chamfered, solvent resistant, coreØ 48 mm					
	18 cm	10.118.018	10		100	
	25 cm	10.100.018	10		100	
	40 cm	10.140.018	1		10	
	50 cm	10.150.018	1		10	
	CoreØ 55 mm for fast, low-splash application of sealers 50 cm	10.155.018	1		10	
Nylon Top Coat Roller Economy Pile 18 mm 	for sealing smooth and slight rough surfaces, lint-free, both ends chamfered, solvent resistant, coreØ 48 mm					
	18 cm	10.119.018	10		100	
	25 cm	10.101.018	10		100	
Polyamide Top Coat Roller Premium 	Gold thread, twined, napped tips, both ends chamfered, especially suitable for water based products, for sealing smooth and rough(sanded) surfaces, coreØ 48 mm					
	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 coreØ 17 mm					
	10 cm	15.310.013	10		100	
	15 cm	15.315.013	10		100	
	Pile 18 mm					
	18 cm	10.218.018	3		10	
25 cm	10.200.018	3		10		
Polyamide Facade Roller Premium Plus 	recommended for dispersion- latex- and silicat paints, high performance per m² due to high color absorbaton and application, high-performance fibre made of 100% polyamide thread, woven, tips roughed; solvent resistant; no lint or stripple; high durability; coreØ 48 mm					
	Pile 13 mm					
	25 cm	10.225.013	3		10	
	Radiator roller core Ø 17 mm					
	10 cm	15.210.013	10		100	
	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		

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

Polyester Top Coat Roller



woven fabric especially suitable for low viscosity products, coreØ 48 mm

Pile 11 mm

25 cm	10.825.011	3	10
Radiator roller coreØ17 mm 10 cm	15.818.010	10	100
Pile 18 mm			
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 Top Coat Roller
Pile 5 mm**



for high quality painting work, pur goat hair, coreØ 48 mm

25 cm	10.300.001	3	10
Radiator roller coreØ 17 mm 10 cm	15.410.005	10	100
15 cm	15.415.005	10	100

**Velour Top Coat Roller
Pile 5 mm**



for high quality painting work, inexpensive alternative to mohair, made of 100% wool, coreØ 48 mm

25 cm	10.400.001	3	10
50 cm	10.400.050	1	10
Radiator roller coreØ 17 mm 10 cm	15.510.005	10	100

Microfibre Top Coat Roller Premium

especially suitable for water based products and high quality painting work, specially treated, high performance microfiber, lint- and fluff free, both ends chamfered, solvent resistant, coreØ 48 mm


Pile 6 mm

18 cm	10.618.006	3	10
25 cm	10.625.006	3	10

Radiator roller coreØ 17 mm

10 cm	15.610.006	10	100
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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 coreØ 17 mm

10 cm	15.610.008	10	100
15 cm	15.615.008	10	100

Pile 11 mm

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

Radiator roller coreØ 17 mm

10 cm	15.610.011	10	100
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Pile 15 mm

25 cm	10.625.015	3	10
50 cm	10.650.015	1	10

Microfibre Top Coat Roller Economy

especially suitable for low viscosity products, solvent resistant, coreØ 48 mm


Pile 10 mm

25 cm	10.625.110	3	10
50 cm	10.650.110	1	10

Radiator roller coreØ 17 mm

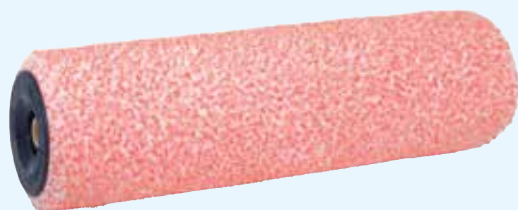
10 cm	15.660.110	10	100
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Pile 13 mm

25 cm	10.625.113	3	10
50 cm	10.650.113	1	10

Microfibre-Mix Top Coat Roller „Orange“ Premium

especially suitable for low viscosity products, water-based products, lint- and fluff free, results in smooth and flawless surface, both ends chamfered, solvent resistant, coreØ 48 mm



RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
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 coreØ 17 mm				
5 cm	15.660.506	20	100	
10 cm	15.660.006	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 coreØ 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 coreØ 17 mm				
10 cm	15.660.016	10	100	

Polyamide Spezial Top Coat Roller Premium

especially suitable for 2 comp. resins, water-based products, lint- and fluff free, both ends chamfered, solvent resistant, coreØ 48 mm



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

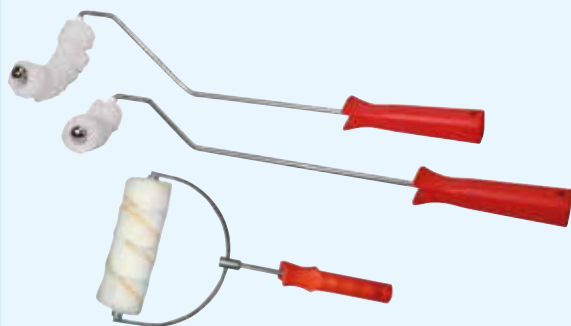
Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair	
Polyester Foam Roller fine 	grey, High-Density foam made of polyester with very fine porosity, not solvent resistant, for seamless painting, coreØ 48 mm						
	chamfered one end 25 cm	10.500.001	1	10			
	chamfered both ends 25 cm	10.500.011	1	10			
	50 cm	10.550.001	1	10			
	Radiator roller coreØ 17 mm straight ends 5 cm	15.606.001	10	100			
	10 cm	15.601.101	10	100			
	chamfered both ends 10 cm	15.601.101R	10	100			
	chamfered one end 10 cm	15.601.101ER	10	100			
	face sides with groove 10 cm	15.601.110	10	100			
	Foam Roller medium 	yellow foam made of polyester with coarse porosity, not solvent resistant, for seamless painting, coreØ 48 mm					
		chamfered one end 25 cm	10.500.002	1	10		
		chamfered both ends 25 cm	10.500.012	1	10		
50 cm		10.550.002	1	10			
Radiator roller, coreØ 17 mm straight ends 10 cm		15.510.002	10	100			
Foam Roller Very Coarse 	yellow foam made of polyester with high porosity, not solvent resistant, for seamless painting, core Ø 48 mm						
	chamfered one end 25 cm	10.500.003	1	10			
	chamfered both ends 25 cm	10.500.013	1	10			
	50 cm	10.550.003	1	10			
	Radiator roller, coreØ 17 mm straight ends 10 cm	15.510.003	10	100			
Pea Hole Roller 	yellow, coarse foam, not solvent resistant, coreØ 48 mm						
	chamfered one end 25 cm	10.700.001	1	10			
	chamfered both ends 50 cm	10.750.001	1	10			
	Radiator Roller, coreØ 17 mm straight end 10 cm	15.710.001	10	100			

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




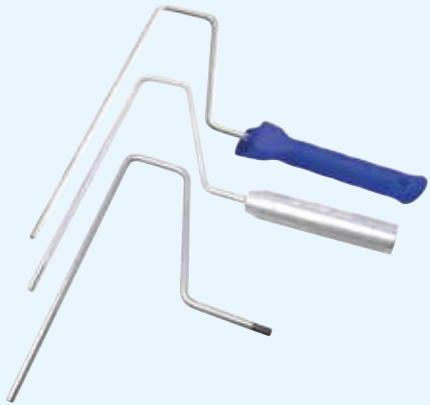

Linomat Patent Roller S 100

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




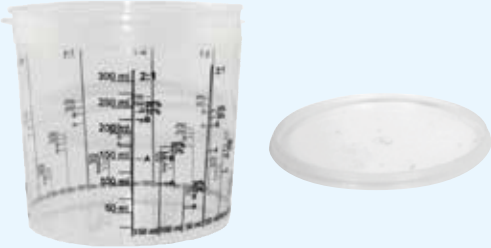

10 cm	18.100.010	1	10
replacement roller 10 cm	18.110.010	1	10
replacement plate	18.120.000	1	10

Pipe roller

with handle for efficient painting of pipes, poles and columns, for solvent-based and water-soluble oil, varnish and synthetic resin paints, as well as rust protection and liquid plastics, polyamide cover


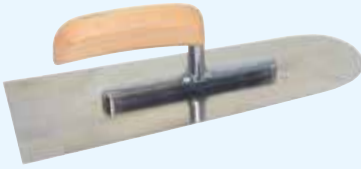

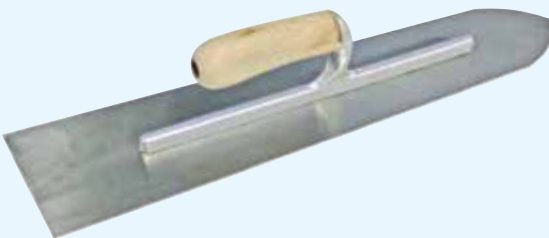
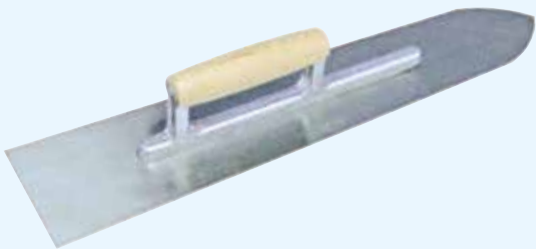
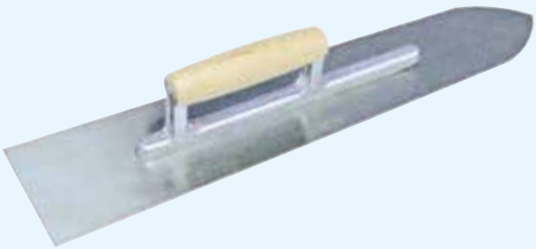
for pipes with Ø60 mm	15.700.060	1	
replacement roller	15.710.060	1	
for pipes with Ø100 mm	15.700.100	1	
replacement roller	15.710.100	1	
pipes with Ø200 mm	10.785.025	1	
replacement roller	10.785.225	1	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Roller Handle Economy 	fits roller					
	32-50 cm	15.900.040	1			
Roller Handle Professional 	fits roller 40-60 cm					
	Arm length 7 cm	15.900.050	1			
	Arm length 34 cm	15.934.050	1			
Roller Handle 	fits roller Ø 8 mm					
	25 cm	15.900.025	1			
	50 cm (also for 2 x 25 cm paint roller)	15.900.250	1			
	70 cm	15.900.070	1			
	100 cm	15.900.100	1			
Roller Handle Ø 8 mm 	fits roller with size of					
	with plastic handle					
	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	
	with metal handle					
25 cm	15.901.825	5				
no handle, with M8 thread						
25 cm	15.999.825	1				
Radiator Roller Handle Ø 6 mm 	for 10 and 15 cm wide radiator roller handle					
	length					
	28 cm	15.910.028	5		20	
	40 cm	15.910.040	5		20	
	55 cm	15.910.055	5		20	
	for 5 cm wide radiator roller length 15 cm	15.910.005	5		20	






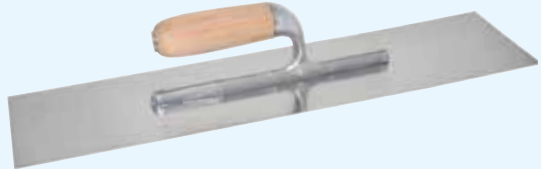

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Grid 	plastic					
	18 x 21 cm	10.900.210	10			
	27x29 cm	10.900.290	10			
	metal					
	11x22 cm	10.911.020	10			
	26x30 cm	10.900.300	10			
Roller Squeezer 	Removes excess resin from application rollers	10.908.010	1			
Lacquer Can Opener 	for easy opening of cans	120 mm	10.909.135	1		
Extending/Telescopic Bar 	aluminium	2 x 1 m	30.300.200	3		
Aluminium telescopic threaded handle 	with M8 female thread for paint roller bracket Ø8 mm and male thread for connection to a threaded handle holder 30.300.129	2 x 1 m	30.300.211	1		
Paint Tray 	plastic PP, solvent resistant, stackable					
	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			
Paint Bucket 	made of polypropylene, with metal handle Dimension: inner (outer) 33 x 23 x 20 (35,5 x 25,5 x 21) cm	12 litre	10.920.012	5		

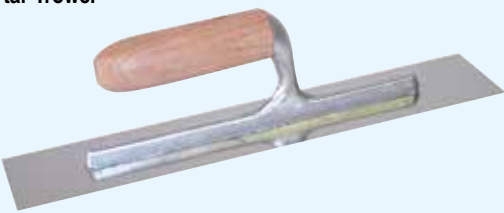
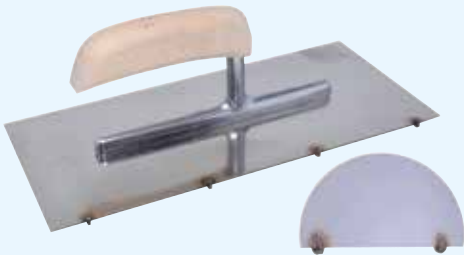
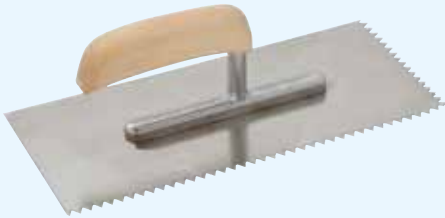



Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Bucket oval 	made of polypropylene, with metal handle					
	5,5 L	10.940.055	5		20	
	Lid	10.940.056	5		20	
	12,5 L	10.940.125	5		20	
	Lid	10.940.126	5		20	
	18,8 L	10.940.188	5		20	
Lid	10.940.189	5		20		
Hand stirrer 	Wood					
	26 cm (Set of 10 pcs)	00.039.026	1			
	45 cm	00.039.045	5			
	Plastic					
	45 cm	00.039.044	1			
Measuring Cup 	made of polypropylene, open handle, stackable, scale blue, raised imprint					
	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	40.600.005	1		2	
Mixing Cup 	made from polypropylene, incl. black measuring scale					
	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		
Funnel 	Plastic					
	Ø 150mm (without sieve)	40.550.015	1			
	Ø 200mm (with sieve)	40.550.020	1			

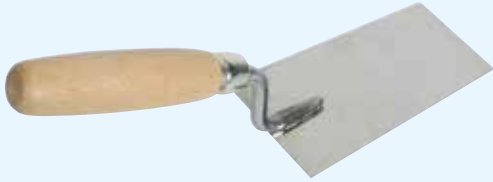


Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Scissor 	stainless 11"	30.206.011	1			
Scissor with micro teeth 	particularly suitable for fiberglass, total length 10" / 260 mm, weight approx. 330 gr 10"	30.207.011	1			
Snap-Off Knife 	pistol handle, with snap-off blade blade width 18 mm	40.000.000	12	48		
Cutter Knife with metal guideline 	with snap-off blade blade width 18 mm	40.000.400	12			
Cutter Knife with metal guideline and lock wheel 	with snap-off blade blade width 18 mm	40.000.200	12			
Replacement Blade 	blade width 18 mm 10 blades per box (price per box)	40.000.001	1			
Automatic Knife 	incl. 10 trapezoidal knives, blade change trough button, automatic blade transport	40.000.010	1			
Safety Knife 	the blade retracts automatically after releasing the black slider Trapezoidal blades 10 blades per box (price per box)	40.000.015 40.000.011	1 1			


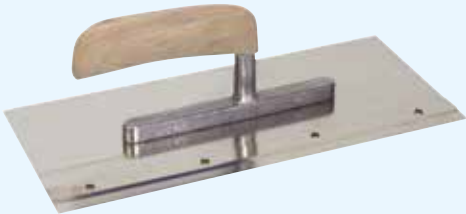


Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Belgium Floor Trowel 	stainless, unvarnished wooden handle					
	blade thickness 1,0 mm 30 cm	20.903.030	1			
	45 cm	20.903.050	1			
Belgium Floor Trowel 	stainless, with smoothing trowel wooden handle					
	blade thickness 0,75 mm 30 cm	20.903.130	1			
Swedish Floor Trowel 	carbon steel, short bar for more flexibility					
	blade thickness 0,75 mm 50 cm	20.902.150	1			
	60 cm	20.902.160	1			
Screed Trowel open handle 	stainless, unvarnished wooden handle, long bar					
	blade thickness 0,75 mm 50 cm	20.901.050	1			
	60 cm	20.901.060	1			
	chamfered edges 50 cm	20.901.150	1			
	blade thickness 1,0 mm 50 cm	20.901.051	1			
	60 cm	20.901.061	1			
Screed Trowel closed handle 	stainless, unvarnished wooden handle, long bar					
	blade thickness 0,75 mm 50 cm	20.900.007	1			
	60 cm	20.900.067	1			
	blade thickness 1,0 mm 50 cm	20.900.010	1			
	60 cm	20.900.061	1			
	Screed Trowel closed handle 	carbon steel, unvarnished wooden handle, long bar				
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 1,0 mm 50 cm		20.905.012	1			
60 cm		20.905.061	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Pool Trowel 	stainless, unvarnished wooden handle, both ends rounded					
	42,5 x 12,5 cm					
	blade thickness 0,75 mm					
	24 cm wooden handle (flexible)	20.903.048	1			
	31 cm wooden handle (semi-flexible)	20.903.047	1			
Swiss Trowel 	stainless steel, unvarnished wooden handle					
	blade thickness 0,75 mm					
	48 x 13 cm	20.101.004	1		20	
	chamfered edges	20.101.010	1			
Swiss Trowel notched 	stainless steel, unvarnished wooden handle, blade thickness 0,75 mm					
	V-shaped					
	3 mm	20.101.304	1			
	6 mm	20.101.604	1			
	└┘-shaped					
3 x 3 mm	20.101.314	1				
4 x 4 mm	20.101.414	1				
Floor Spatula 	stainless steel, unvarnished wooden handle, blade thickness 0,75 mm					
	width					
	30 cm	20.904.030	1			
	40 cm	20.904.040	1			
50 cm	20.904.050	1				
Venetian Trowel Steel 	stainless, blade thickness 0,75 mm, rounded corner, wooden handle					
	20 x 9 cm	20.220.020	1			
Venetian Style Trowel Steel 	stainless, soft handle, rounded corner, blade thickness 0,6 mm					
	20 x 8 cm	20.224.080	1			
	28 x 12 cm	20.224.120	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Finishing Trowel 	blade thickness 0,75 mm, unvarnished wooden handle, 13 x 28 cm					
	carbon steel	20.100.001	3		30	
	stainless steel	20.101.001	3		30	
	chamfered edges & rounded corners	20.101.128	1		10	
Finishing Trowel 35 cm short bar 	blade thickness 0,75 mm, unvarnished wooden handle, 13 x 35 cm					
	carbon steel	20.100.035	1			
	stainless steel	20.101.035	1			
	chamfered edges & rounded corners	20.101.135	1			
Finishing Trowel 40 cm short bar 	blade thickness 0,75 mm, unvarnished wooden handle, 13 x 40 cm					
	carbon steel	20.100.040	1			
	stainless steel	20.101.040	1			
	chamfered edges & rounded corners	20.101.140	1			
Finishing Trowel 35 cm long bar 	blade thickness 0,75 mm, unvarnished wooden handle, 13 x 35 cm					
	carbon steel	20.110.035	1			
	stainless steel	20.111.035	1			
Finishing Trowel 40 cm long bar 	blade thickness 0,75 mm, unvarnished wooden handle, 13 x 40 cm					
	carbon steel	20.110.040	1			
	stainless steel	20.111.040	1			
	chamfered edges & rounded corners	20.111.140	1			
Finishing Trowel 50 cm Long Bar Big Handle 	stainless, unvarnished wooden handle, 50x13 cm					
	blade thickness 0,75 mm	20.101.050	1			
	blade thickness 1,0 mm	20.101.150	1			
American Type Finishing Trowel 	stainless, blade thickness 0,75 mm, unvarnished wooden handle, long bar					
	11,7 x 26,7 cm	20.101.003	1			
	13 x 28 cm	20.101.002	1			


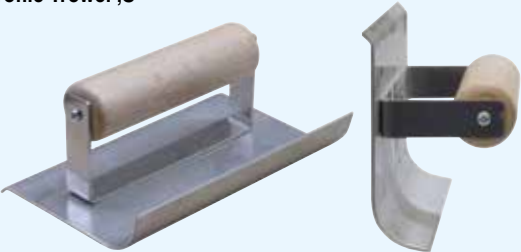




Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Mortar Trowel 	stainless steel, special trowel for resin based mortars, unvarnished handle, 7,5 x 35 cm	blade thickness 0,75 mm	20.101.005	1		
	blade thickness 1,0 mm	20.101.006	1			
Sheet Thickness Trowel 	stainless steel, blade thickness 0,75 mm, 13 x 28 cm	Layer thickness				
	2,0 mm	20.228.020	1			
	2,5 mm	20.228.025	1			
	3,0 mm	20.228.030	1			
Notched Trowel V-shaped 	stainless steel, blade thickness 0,75 mm, unvarnished handle, notched 60°, 13 x 28 cm	V-shaped				
	3 mm	20.202.003	3			
	4 mm	20.202.004	3			
	6 mm	20.202.006	3			
	8 mm	20.202.008	3			
Notched Trowel □-Shaped 	stainless steel, blade thickness 0,75 mm, unvarnished wooden handle, notched 90°, 13 x 28 cm	□-shaped				
	3 x 3 mm	20.201.003	3			
	4 x 4 mm	20.201.004	3			
	6 x 6 mm	20.201.006	3			
	8 x 8 mm	20.201.008	3			
	10 x 10 mm	20.201.010	3			
Notched Trowel U-Shaped 	stainless steel, blade thickness 0,75 mm, unvarnished handle	Toothing 32	20.205.680	1		
Plastic Trowel 	plastic handle and plastic blade 14 x 28 cm	blade thickness				
	2 mm	20.150.002	3			
	3 mm	20.150.003	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Joint Board 	for application of epoxy resin to close the porous in colour quarz mortars, silicone free, 25,5 x 10 cm					
	hard (85° Shore) white surface	25.300.030	1			
	soft (55° Shore) green cover	25.300.031	1			
Joint Board Professional 	for application of epoxy resin to close the porous in colour quarz mortars, silicone free, 24 x 10 cm, 2 sharp and 2 rounded edges					
	medium (60° Shore)	25.300.035	1			
Brick Trowel 	unvarnished wooden handle, blade thickness 1,0 mm					
	stainless steel 16 cm	20.751.016	3			
	18 cm	20.751.018	3			
Plasterer Trowel 	blade thickness 0,75 mm, unvarnished wooden handle					
	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			
Stuccoists Spatula 	stainless steel, blade thickness 0,75 mm, unvarnished wooden handle					
	3 cm	20.800.003	3		20	
	4 cm	20.800.004	3		20	
	5 cm	20.800.005	3		20	
	6 cm	20.800.006	3		20	
	8 cm	20.800.008	3		20	
	10 cm	20.800.010	3		20	
Cat's Tongue Trowel 	stainless steel, blade thickness 0,75 mm, unvarnished wooden handle					
	14 cm	20.700.140	3			
Tongue Trowel 	stainless steel, blade thickness 1,0 mm, unvarnished wooden handle					
	16 cm	20.710.160	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Mastic Trowel 	with round neck, conical abraded, unvarnished wooden handle					
	180 x 10 mm	20.720.010	1			
	180 x 12 mm	20.720.012	1			
Corner Trowel 	stainless steel, blade thickness 0,75 mm, unvarnished wooden handle					
	inner corner	20.851.080	3			
	outer corner	20.852.080	3			
Floor Layer Trowel 	Smoothing Trowel with clamping bar to hold exchangeable notched blades					
	13 x 28 cm right handed	20.128.002	1			
	left handed	20.128.003	1			
Adhesive Spreader 	made of aluminium, fitted with clamping bar to hold exchangeable notched blades					
	28 cm	20.128.100	1			
Adhesive Spreader 	trapezoidal shape, made of spring strip steel, with riveted handle and clamping bar to hold exchangeable notched blades					
	18 cm	20.128.018	1			
	21 cm	20.128.021	1			
	28 cm	20.128.028	1			
Adhesive Spreader stainless 	angled trapezoidal shape, with riveted handle and clamping bar to hold exchangeable notched blades					
	28 cm	20.128.128	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Pore Spatula 	with wooden handle and 8 mm thick special PU, for leveling resins on colour quartz mortars					
	23 cm	25.420.023	1			
	40 cm	25.420.040	1			
	standing application with GURAK® Rake see page 43					
Grouting Rubber 	with wooden handle and 4 mm thick translucent/transparent rubber					
	22 cm	25.500.025	3			
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, with flat, clear lacquered handle					
	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
Profile Spatula	to generate a small fillet or to clean buckets with wooden handle length approx. 28,5 cm	20.305.032	1			
Concave and Triangle Trowel without edge	stainless, blade thickness 2 mm, non flexible, both ends bevelled by $\angle 45^\circ$, plinth height approx. 6 cm, width 24 cm r = 40 mm	20.302.045	1			
Concave and Triangle Trowel with 5 mm edge	stainless, blade thickness 2 mm, non flexible, both ends bevelled by $\angle 45^\circ$, bevelled edge $\angle 90^\circ$ with edge approx. 5 mm, plinth height approx. 6 cm, width 24 cm r = 40 mm	20.301.045	1			
Round Trowel	stainless, blade thickness 1,2 mm, width 17 cm r = 30 mm r = 50 mm	20.304.030 20.304.050	1 1			
Profile Trowel	stainless, blade thickness 1,2 mm, width 25 cm r = 30 mm r = 50 mm	20.304.031 20.304.051	1 1			
Profile Trowel bevelled	stainless, blade thickness 1,2 mm, both ends bevelled by $\angle 45^\circ$ width 25 cm r = 30 mm (plinth height 4 cm) r = 50 mm (plinth height 5 cm) width 37 cm r = 30 mm (plinth height 4 cm) r = 50 mm (plinth height 5 cm)	20.304.032 20.304.052 20.314.030 20.314.050	1 1 1 1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Triangle Trowel		stainless, blade thickness 2 mm, angled at $\angle 45$, both ends bevelled by $\angle 45^\circ$, 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, bevelled edge $\angle 45^\circ$ with edge of 5 mm, plinth height approx. 10,5 cm, width 17 cm				
		r = 25 mm	20.306.041	1		
Profile Trowel		stainless steel, blade thickness 1,2 mm, bevelled edge $\angle 90^\circ$, 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, bevelled edge $\angle 90^\circ$, edge approx. 13 mm, plinth height approx. 8 cm, width 13 cm				
		r = 15 mm	20.306.815	1		
Profile Trowel		stainless steel, blade thickness 1,2 mm, bevelled edge $\angle 90^\circ$ with edge approx. 10 mm, plinth height approx. 5 cm, width 10 cm				
		r = 40 mm	20.309.040	1		
Profile Trowel		stainless steel, blade thickness 1,2 mm, plinth height approx. 7 cm, width 15 cm				
		r = 40 mm	20.307.040	1		

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

Profile Trowel



stainless steel, blade thickness 1,2 mm, width 20 cm

plinth height approx. 10 cm
r= 30 mm

20.304.034

1

plinth height approx. 10 cm
r= 15 mm

20.308.015

1

r= 30 mm

20.308.030

1



plinth height 200 mm
r= 30 mm

20.318.030

1

Profile Trowel



**stainless, blade thickness 1,2 mm, both ends bevelled \sphericalangle 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, bevelled edge \sphericalangle 90° with edge
approx. 20 mm, both ends bevelled by \sphericalangle 45°, plinth height 8 cm, width 30 cm**

r = 15 mm

20.308.215

1

r = 30 mm

20.308.230

1

Floor coating

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Joint profiling tool 	stainless, sheet thickness 0,8 mm, with 2 adjustable pins on both ends height 150 mm with unvarnished wooden handle	150 x 400 mm	20.333.150	1		
	Floor Joint Spatula S4 	stainless, blade thickness 0.8 mm, unvarnished, waxed wooden handle Dimension 150 x 400 mm	tooting S4 (H=5,1mm, W=10,3mm, P=0,2mm, 90°)	20.333.S4	1	
Latex Float 	Dimension 280 x 140 mm	thickness 20 mm	20.150.090	1		
		replacement latex plate	20.150.091	3		
Cellular rubber Float 	Dimension 280 x 140 mm	thickness 10 mm	20.150.050	1		
Hydro Sponge Float 	Dimension 280 x 140 mm thickness 30 mm	smoothed surface	20.150.060	1		
		rasterized surface	20.151.050	1		
		replacement hydrosponge smoothed surface	20.150.061	3		
Hydro Sponge Float Velcro 	Dimension 280 x 140 mm, thickness 30 mm	rasterized surface	20.151.060	1		
		replacement hydro sponge rasterized surface	20.151.061	3		

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

Sponge Rubber Float



Dimension 280 x 140 mm

structure: coarse
thickness
10 mm

20.150.071

1

20 mm

20.150.081

1

structure: fine
thickness

10 mm

20.150.073

1

20 mm

20.150.083

1

replacement sponge

20 mm fine

20.150.084

3

20 mm coarse

20.150.082

3

PU Float



very light, does not absorb water

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

24 x 48 cm

20.151.024

1

Wooden Float



multi-layered wood

12 x 24 cm

20.161.012

1

14 x 28 cm

20.161.014

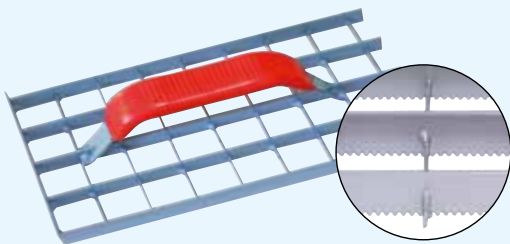
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18 x 32 cm

20.161.018

1

Floating Tool Robot



Dimension 285 x 140 mm, grid size 30 x 30 mm

smooth

40.285.140



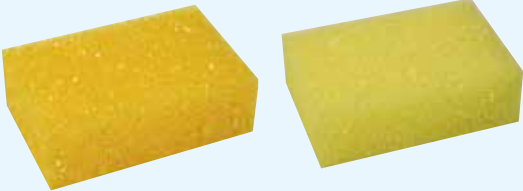

1

notched







40.289.140

1

Floor coating

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Viscose Sponge 	highly hygroscopic and high fluid absorption, chemical and acid resistant 150 x 110 x 35 mm	21.150.035	3			
Hygroscopic Sponge 	for cleaning tiles after grouting, extreme hygroscopic foam 165 x 110 x 65 mm	21.160.070	3			
Sponge for Epoxy 	for epoxy grouting, made of coarse foam 150 x 100 x 50 mm hard extra hard	20.450.001	3			
		20.450.002	3			
Combi Sponge 	one side with hard and coarse-pored quality, other side with soft and fine-pored quality 160 x 110 x 60 mm	20.450.005	3			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Microcell rubber squeegee 	with synthetic microcell rubber (usable height approx. 35 mm), with metal back and handle bracket, also suitable for grounding and sealing					
	35 cm	25.005.035	1		10	
	45 cm	25.005.045	1		10	
	60 cm	25.005.055	1		10	
Standard rubber squeegee 	made of strong, approx 32mm high, natural cell rubber, with metal back and stick holder, also suitable for priming and sealing					
	45 cm	25.007.045	1		10	
	60 cm	25.007.060	1		10	
High Performance Rubber Squeegee 	made of strong, approx. 43 mm high, natural cell rubber, with splash protection, also suitable for grounding and sealing					
	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	
	75 cm	25.004.075	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		
Rubber Squeegee single blade 	with 5 mm thick and approx. 50 mm high hard rubber lip					
	straight					
	45 cm	25.100.045	1		6	
	61 cm	25.100.060	1		6	
	curved					
	61 cm	25.100.070	1		6	
	replacement rubber					
	black					
45 cm	25.100.046	10				
61 cm	25.100.061	10				
white						
61 cm	25.100.062	10				
V-Crack Filler Squeegee 	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					
		25.180.050	1			
	Replacement Rubber	25.180.051	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
One-Piece Rubber Squeegee blue 	made from plastic, handle holder with thread, tapered rubber, rubber hardness: soft					
	30 cm	25.160.030	1		10	
	40 cm	25.160.040	1		10	
One-Piece Rubber Squeegee red 	made from plastic, handle holder with thread, tapered rubber, rubber hardness: medium					
	40 cm	25.167.040	1		6	
Squeegee 	for leveling resins on colour quartz mortars					
	25 cm	25.400.025	1			
Magic Squeegee 	with soft, flexible and sharp rubber lip. This spatula is preferably used for surface smoothing of cementitious coverings, especially coverings with a more liquid consistency. A very effective tool for a unique design surface					
	30 cm	25.008.030	1			
Waxing Mop 	to apply oil and wax					
	incl. handle and polyester cloth	43.140.040	1			
	replacement mop polyester 43 cm	43.000.041	1			
Floor Mop 	width 50 cm, to apply oil and wax					
	microfiber cloth and aluminium handle (140 cm)	43.100.010	1		10	
	replacement cloth	43.100.015	1		10	

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

Notched V Blade

60 cm, to apply synthetic resin coatings while standing, notched
V-shape mm 2 3 4 5 6 7 9
thickness mm approx. 0,3-1,0 0,4-1,2 0,5-1,5 0,7-1,8 1-2 2-3 3-4
for self levelling epoxy mortars

notching

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

Notched Blade (trapez)

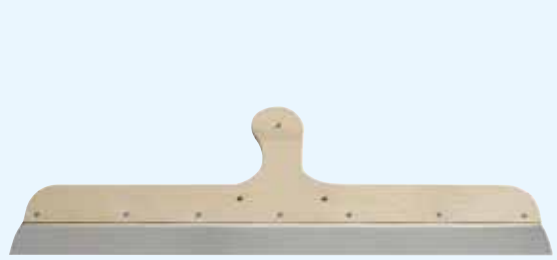
6 x 4 mm (depth x distance), stainless, with drill holes for handle bracket

60 cm	20.000.014	1	10
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Notched Blade (round arch)

5 x 6 mm (depth x distance), carbon steel, with drill holes for handle bracket

60 cm	20.000.015	1	10
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Rake straight

blade thickness 0,5 mm, with wooden handle and drill holes for handle bracket

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

Scraper







60 cm bended, for scratch coat application in standing position, with wooden handle and drill holes for handle bracket

without bracket	20.000.000	1	10
with standard bracket	20.000.160	1	10
with thread bracket	20.000.260	1	10

Rake with clamping bar

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

without bracket	20.056.000	1	10
with standard bracket	20.056.160	1	10
with threaded bracket	20.056.256	1	10

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Rake 	Holder for notched metal sheet, width 65 cm					
	with standard bracket	20.565.065	1			
	with threaded bracket	20.565.265	1			
Blades 	Metal blade from high abrasion resistant steel, V-shape notched, 65 cm wide, 10 cm high,					
	Pointed 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 standard bracket	30.300.024	5		10	
	Ø 28 mm standard bracket	30.300.028	5		10	
	Ø 28 mm with thread	30.300.129	5		10	
Handle Bracket with hinge 	with wing screws					
	with hinge	30.300.027	1		5	
Broom Tip 	Attachment to Ø28 mm wooden handle for connection with thread bracket 30.300.129					
	handle thread	30.320.228	1			
Bracket connection for rubber squeegee 	with thread for rubber squeegee 25.00X.XXX always fixed handle					
		25.320.128	1			

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

Rake U-Bracket

for broomsticks with and without thread, adjustable work-angle and bigger leverage effect for a better control of the rake

width				
37 cm	30.300.216	1		

Pin Rake Economy

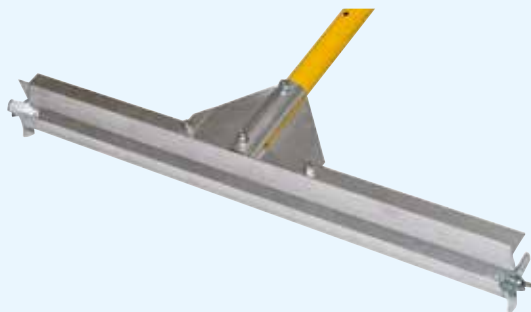
made of extruded aluminium, the height adjustable steel blade allows a coating thickness up to 10 mm

standard bracket				
40 cm	20.140.001	1		
58 cm	20.100.058	1		
80 cm	20.100.080	1		
thread bracket				
40 cm	20.100.240	1		
58 cm	20.100.258	1		
80 cm	20.100.280	1		

Pin Rake Professional

made of cast aluminium, the height adjustable steel blade allows a coating thickness up to 18 mm

standard bracket				
58 cm	20.000.010	1		
thread bracket				
58 cm	20.000.158	1		


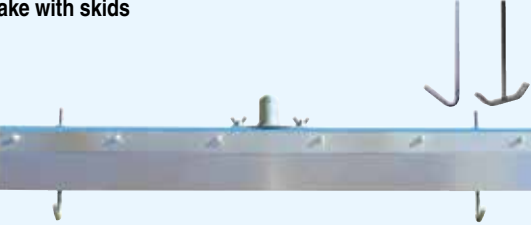





CAM Gauge Rake

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), width 91,5 cm

with 1,65 m stick	20.030.061	1		
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CAM Set

**Set of 2 pcs
Distance**

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					
	standard bracket					
	40 cm	20.040.015	1			
	60 cm	20.060.015	1			
	thread bracket					
	40 cm	20.040.215	1			
	60 cm	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			
	Slide skid on scarified pavement (per pcs)	20.530.002	1			
Rake with propeller screw 	the rake has a bevelled edge, changeable rotatable propeller arms with different length to control the coating thickness, the specially designed propellers ensure that the set layerthickness is maintained in every rake position (without propeller)					
	standard bracket					
	40 cm	20.050.041	1			
	60 cm	20.050.001	1			
	thread bracket					
	40 cm	20.050.241	1			
	60 cm	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			
Rake with clamping bar and pins Economy 	with clamping bar to attach notched blades and height adjustable pins, max. coating thickness up to 35 mm					
	56 cm	20.560.060	1			
Metal Rake with clamping bar and pins 	stainless holder für notched blades and 2 comp-handle, max. coating thickness up to 32 mm					
	56 cm	20.560.160	1			
Rake for notched rubber blades Professional 	made of cast aluminium, with wing screws and clamping bar, without notched rubber					
	standard bracket					
	58 cm	20.501.000	1			
	thread bracket					
	58 cm	20.501.158	1			

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

Rake for notched rubber blades Economy

made of extruded aluminium, with wing screws and clamping bar, without notched rubber

standard bracket				
40 cm	20.510.040	1		
58 cm	20.510.000	1		
thread bracket				
40 cm	20.510.240	1		
58 cm	20.510.258	1		

Hand rake for notched rubber blades

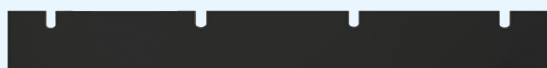
made of aluminium, with fastening device for notched rubber blades, without notched rubber

26 cm	20.510.026	1		
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GURAK® Rake

Light weight cast aluminium rake for rubberblades (black rubberblade included). Change of rubber blade without tools.
The rake has a thread in the bracket for a firm connection

40 cm	20.505.040	1		
58 cm	20.505.060	1		
with black rubber blade				
40 cm	20.505.041	1		
58 cm	20.505.061	1		


GURAK® Replacement Rubber

5 mm thick rubberblade for GURAK® Rake

black				
40 cm	20.545.040	1	10	
58 cm	20.545.060	1	10	
white				
40 cm	20.555.040	1	10	
58 cm	20.555.060	1	10	
8 mm thick special PU, for leveling resins on colour quartz mortars				
red-brown				
40 cm	20.535.040	1	10	

GURAK® PU Blades for Sealer

approx. 4 mm thick and 35 mm high PU-rubber blade, non marking

red: or approx. 80 to 170 g/m ² 0,08 to 0,17 mm wet film thickness WFT				
26 cm	20.572.010	1		
40 cm	20.574.010	1		
58 cm	20.576.010	1		
yellow: for approx. 120 to 250 g/m ² 0,12 to 0,25 mm wet film thickness WFT				
26 cm	20.572.020	1		
40 cm	20.574.020	1		
58 cm	20.576.020	1		
green: for approx. 200 to 320 g/m ² 0,20 to 0,32 mm wet film thickness WFT				
26 cm	20.572.030	1		
40 cm	20.574.030	1		
58 cm	20.576.030	1		

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
PU Blades Notched 	6 mm thick, 35 mm high, Shore 80, blue, highly abrasion-resistant polyurethane, non marking					
	1 mm					
	26 cm	20.526.101	1			
	40 cm	20.540.001	1			
	58 cm	20.550.001	1			
	2 mm					
	26 cm	20.526.102	1			
	40 cm	20.540.002	1			
	58 cm	20.550.002	1			
	3 mm					
	26 cm	20.526.103	1			
	40 cm	20.540.003	1			
	58 cm	20.550.003	1			
	4 mm					
	26 cm	20.526.104	1			
	40 cm	20.540.004	1			
	58 cm	20.550.004	1			
	5 mm					
	26 cm	20.526.105	1			
	40 cm	20.540.005	1			
	58 cm	20.550.005	1			
	6 mm					
	26 cm	20.526.106	1			
	40 cm	20.540.006	1			
	58 cm	20.550.006	1			
	7 mm					
	26 cm	20.526.107	1			
	40 cm	20.540.007	1			
	58 cm	20.550.007	1			
	8 mm					
	26 cm	20.526.108	1			
	40 cm	20.540.008	1			
	58 cm	20.550.008	1			
	9 mm					
	26 cm	20.526.109	1			
	40 cm	20.540.009	1			
	58 cm	20.550.009	1			
	10 mm					
	26 cm	20.526.110	1			
	40 cm	20.540.010	1			
	58 cm	20.550.010	1			
	11 mm					
	26 cm	20.526.111	1			
	40 cm	20.540.011	1			
	58 cm	20.550.011	1			
	12 mm					
	26 cm	20.526.112	1			
	40 cm	20.540.012	1			
	58 cm	20.550.012	1			
	straight					
	26 cm	20.526.100	1			
	40 cm	20.540.000	1			
	58 cm	20.550.000	1			

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










Rubber Blades Notched

8 mm thick, 55 mm high, Shore 60, light special NBR rubber, non marking

1 mm				
26 cm	20.526.001	1		
58 cm	20.500.001	1		
2 mm				
26 cm	20.526.002	1		
58 cm	20.500.002	1		
3 mm				
26 cm	20.526.003	1		
58 cm	20.500.003	1		
4 mm				
26 cm	20.526.004	1		
58 cm	20.500.004	1		
5 mm				
26 cm	20.526.005	1		
58 cm	20.500.005	1		
6 mm				
26 cm	20.526.006	1		
58 cm	20.500.006	1		
7 mm				
26 cm	20.526.007	1		
58 cm	20.500.007	1		
8 mm				
26 cm	20.526.008	1		
58 cm	20.500.008	1		
9 mm				
26 cm	20.526.009	1		
58 cm	20.500.009	1		
10 mm				
26 cm	20.526.010	1		
58 cm	20.500.010	1		
11 mm				
26 cm	20.526.011	1		
58 cm	20.500.011	1		
12 mm				
26 cm	20.526.012	1		
58 cm	20.500.012	1		
14 mm				
26 cm	20.526.014	1		
58 cm	20.500.014	1		
18 mm				
26 cm	20.526.018	1		
58 cm	20.500.018	1		
straight				
26 cm	20.526.000	1		
58 cm	20.500.000	1		



Floor coating

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

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

Tooth blades with rectangular notching



R1

**special hardend steel
notched double-sided**

H=3,0 L=4,0 S=1,5

28 cm
56 cm

20.000.R1
20.056.R1

10
10



R2

H=5,0 L=4,0 S=2,0

28 cm
56 cm

20.000.R2
20.056.R2

10
10



R3

H=3,0 L=3,0 S=3,0

28 cm

20.000.R3

10



R4

H=4,0 L=4,0 S=4,0

28 cm

20.000.R4

10



R5

H=6,0 L=6,0 S=6,0

28 cm

20.000.R5

10



R6

H=8,0 L=8,0 S=8,0

notched one-sided
28 cm

20.000.R6

10



R7

H=10,0 L=10,0 S=10,0

notched one-sided
28 cm

20.000.R7

10

Thickness Gauge
















- Durable and reusable, made of anodised aluminium
- Various thicknesses on one (26 teeth) comb
- Measuring range up to 10 mm
- Usable in accordance with ISO 2808-7b, BS3900-C5 Method 7B and ASTM D4414-A

Measuring range from 0,5 up to 10 mm

99.001.001

1

Floor coating

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Tooth Blades acc. TKB	special hardened steel H= tooth height, L= Distance between 2 teeth, S= Teeth width, φ= Angel notched double-sided					
	H=1,1 L=1,5 S=0,5 φ=55°					
	 A1	18 cm	20.018.A1	10		
		21 cm	20.021.A1	10		
		28 cm	20.000.A1	10		
	 A2	H=1,4 L=1,7 S=1,3 φ=55°				
		18 cm	20.018.A2	10		
		21 cm	20.021.A2	10		
		28 cm	20.000.A2	10		
	 A3	H=1,5 L=1,6 S=0,4 φ=45°				
		18 cm	20.018.A3	10		
		21 cm	20.021.A3	10		
		28 cm	20.000.A3	10		
		56 cm	20.056.A3	10		
	 A4	H=0,75 L=1,1 S=0,4 φ=55°				
		18 cm	20.018.A4	10		
		21 cm	20.021.A4	10		
	 A5	H=1,0 L=1,35 S=1,45 φ=55°				
		18 cm	20.018.A5	10		
		21 cm	20.021.A5	10		
 B1	H=2,0 L=2,4 S=2,6 φ=55°					
	18 cm	20.018.B1	10			
	21 cm	20.021.B1	10			
 B2	H=2,55 L=3,0 S=2,0 φ=55°					
	18 cm	20.018.B2	10			
	21 cm	20.021.B2	10			
	28 cm	20.028.B2	10			
 B3	H=3,25 L=3,7 S=3,3 φ=55°					
	18 cm	20.018.B3	10			
	21 cm	20.021.B3	10			
	28 cm	20.000.B3	10			
 B5	H=5,15 L=5,7 S=14,3 φ=55°					
	18 cm	20.018.B5	10			
	21 cm	20.021.B5	10			
 B6	H=3,6 L=4,1 S=4,9 φ=55°					
	18 cm	20.018.B6	10			
	21 cm	20.021.B6	10			
 B10	H=5,7 L=5,1 S=9,9 φ=45°					
	18 cm	20.018.B10	10			
	21 cm	20.021.B10	10			
 B11	H=5,0 L=6,1 S=7,9 φ=60°					
	18 cm	20.018.B11	10			
	21 cm	20.021.B11	10			
 B15	H=6,5 L=5,5 S=6,9 φ=45°					
	18 cm	20.018.B15	10			
	21 cm	20.021.B15	10			

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, ergonomic application due upright position, wheels allow easy movement, compartment for trowels or other tools



60 cm

26.100.060

1

Warning Sign

made of cardboard to stand on



99.366.035

1

Bucket Carrier

for easy pouring of self levelling mortars



for 30 l bucket
for 70 l bucket

46.000.002

1

46.000.003

1

Spare rolls
Ø 100 mm

46.000.102

1

Floor coating

Spike Shoe

Made in Germany, 31,5 cm long, flexible synthetic sole with 30 mm pointed spikes


Velcro strap	19.000.001	1		
Buckle closure	19.000.011	1		
25 mm long blunt spikes Ø 9,5 mm				
Velcro strap	19.000.101	1		
Buckle closure	19.000.111	1		

Spike Shoe Accessories

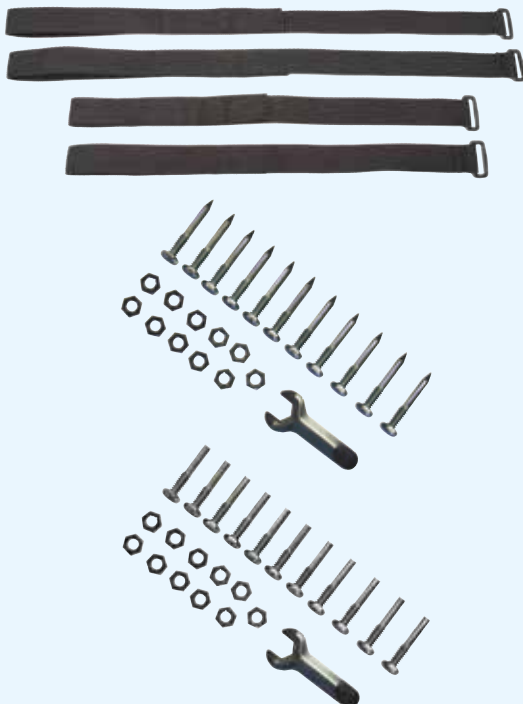
Replacement spikes pointed for 1 pair (28pcs)	19.000.002	1		
Replacement spikes blunt for 1 pair (28pcs)	19.000.004	1		
Replacement velcro strap set for 1 pair	19.000.003	1		
Replacement straps with buckle closure for 1 pair	19.000.005	1		

Spike Shoe Import

black, stable synthetic sole with spikes and velcro fastener


length 31 cm (< EU size 43)				
spike length				
30 mm pointed	19.000.021	1		
38 mm blunt, Ø 5 mm	19.000.231	1		
length 33,5 cm (> EU size 43))				
spike length				
30 mm pointed	19.000.022	1		
38 mm blunt, Ø 5 mm	19.000.233	1		
40 mm pointed	19.000.035	1		
50 mm pointed	19.000.050	1		

Spike Shoe Import Accessories



Replacement velcro strap set for 1 pair	19.001.003	1		
Replacement Spikes set for 1 pair (30 pieces) incl. mounting tool, pointed				
30 mm	19.001.022	1		
40 mm	19.001.035	1		
50 mm	19.001.050	1		
Replacement spikes set for 1 pair (30 pieces) incl. mounting tool, blunt				
38 mm Ø 5 mm	19.001.233	1		

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Flexible Spike Shoe 	flexible spike shoes with nails					
	pointed nails 16 mm long size 40-42 43-45 46-48 rounded tip spikes, 25 mm long, Ø 6 mm size 40-42 43-45 46-48	19.005.016S 19.005.016M 19.005.016XL 19.005.017S 19.005.017M 19.005.017XL	1 1 1 1 1 1			
Replacement Nails 	Spare nails set for 1 pair (36 pieces)					
	pointed blunt	19.105.001 19.107.001	1 1			
Spike Slippers 	made of Elastomer, slats keep the slipper securely on the foot, with 20 mm replaceable nails					
	size: M (40-42) L (43-45) XL (46-48) Replacement Nail (32 pcs) pointed blunt	19.000.122 19.000.124 19.000.126 19.000.128 19.000.129	1 1 1 1 1			
Screed Slippers 	made of Elastomer, lamellae hold the slipper securely at the foot					
	size: M (40-42) L (43-45) XL (46-48)	19.000.222 19.000.224 19.000.226	1 1 1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Screed Shoes 	for walking on fresh screed/concrete					
	20 x 40 cm	19.100.001	1			
Hand Support 	wooden handle, spike length 16 mm					
	19,5 x 8,5 cm	19.050.019	1			
PE Protection Boot 	splash protection of shoes and trousers during deaeration, priming or sealing, thickness approx. 60µm, (price per pcs)					
	up to shoe length 32 cm	92.000.001	10		30	
Spiked Roller Import no handle 	made of solvent-resistant polypropylene, spikes semi-flexible, for Ø8 mm handle					
	Spike length approx. 11 mm					
	width					
	25 cm	19.012.025	1		10	
	50 cm	19.012.050	1		10	
	Spike length approx 21 mm					
width						
25 cm	19.021.825	1		10		
50 cm	19.021.850	1		10		
Spiked Roller Plastic Import with handle 	made of solvent-resistant polypropylene, semi flexible spikes, with handle					
	Spike length approx. 11 mm					
width						
25 cm	19.112.025	1				

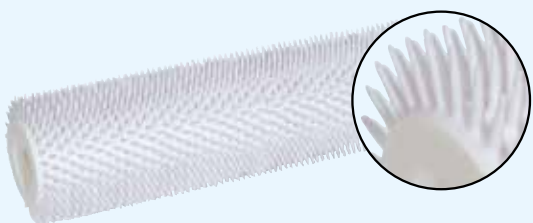
Spiked Roller with pan head



made from solvent-resistant polypropylene
(25 cm roller needs handle 15.905.825)

Spike length 14 mm			
width			
25 cm	19.012.028	1	
50 cm	19.012.058	1	
Handle 25 cm with locking screw for item 19.012.028	15.905.825	1	

Spiked Roller Made in Germany no 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	
70 cm	19.012.071	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 Set Plastic Import

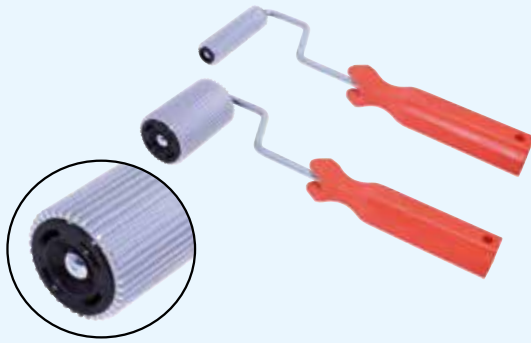


made of solvent-resistant polypropylene, semi flexible spikes,
with handle and splash guard

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	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Splash Protection 	made of solvent-resistant polypropylene					
	for 50 cm handle	19.300.050	1			
Spike Roller Metal 	very smooth and fine finish (due very thin Ø 0,4 mm metal spikes) no traces of the spiked roller visible in the cured coating					
	Spike length approx. 11 mm					
	nickel-plated					
	18 cm	19.100.018	1			
	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					
	18 cm	19.101.018	1			
	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. 32 mm						
nickel-plated						
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				

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Spiked wheel 	nail length 30 mm, set with wheel, axle, supporting legs Ø ca. 26 cm, for mounting on a wheelbarrow	19.900.005	1			
	supporting legs with nails	19.900.002	1			
Roller Cleaning Box 	made of solvent-resistant plastic, for storage of used spike rollers up to 25 cm and max Ø 9 cm 25 cm	19.310.025	1			
Disk Roller 	from stainless steel Ø 40 mm width 12 cm 18 cm	19.680.012	1			
		19.680.018	1			
	Ø 55 mm width 25 cm	19.680.025	1			
Laminating Roller 	spiral perlon bristles incl. handle, solvent resistant Ø 28 mm width 10 cm 15 cm	19.500.100	1			
		19.500.150	1			
	Replacement roller 10 cm 15 cm	19.500.111	1			
		19.500.151	1			
Groove Roller 	in one piece, solvent resistant plastic , with handle width 14 cm Ø25 mm Ø50 mm	19.625.150	1			
		19.650.150	1			

Paddle Roller

from aluminium, ideal for knitted or uni-directional fibres

Ø 21 mm

width

7 cm

19.721.070

1

14 cm

19.721.140

1

22,5 cm

19.721.225

1

Ø 45 mm

width

7 cm

19.745.070

1

14 cm

19.745.140

1

22,5 cm

19.745.225

1

Corner Roller

solvent resistant plastic

Ø 40 mm

19.401.000

1

Corrugated Fastener

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

6 x 70 mm

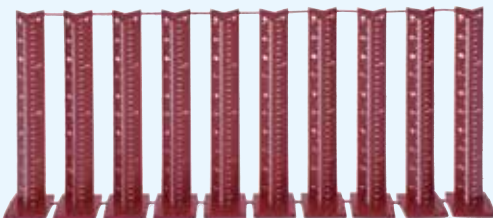
50.600.070

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6 x 120 mm

50.600.120

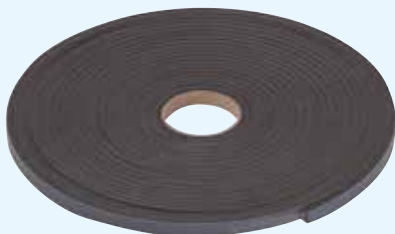
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Level Pins

Simply cut the level pin with scissors to the desired height, using the moulded millimetre rule (2-10 mm) 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.

price per box (100 pcs)

50.200.100

1

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

10 x 10 mm

50.010.010

1

rods 1 m

15 x 15 mm

50.015.015

10

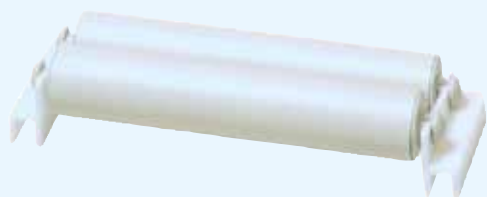
Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Tilers Bucket
plastic bucket, 47 x 24 x 24 cm (L x W x D) inside


22 litre

44.110.022

1


 Plastic Rolls
smooth, closed surface

44.150.001

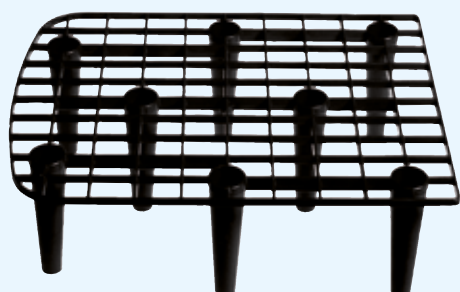
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4 wheels

44.160.004

1



Sieve

44.155.022

1

Carbide Tile Grouter
for cleaning and removing from tile joints


Blade 50 x 2 mm

44.100.010

1

 Replacement blades
set of 3 pcs

44.100.015

1

Joint smoother „SiliSet“
Practical templates for fast and clean smoothing of silicone and acrylic joints

 1 spatula for hollow coves with radiation
of 4, 8 and 10mm,
1 spatula for triangle cove with angle of 5,
9 and 11mm

44.201.002

1

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Joint smoother	with shovel, for all types of joints					
		44.211.050	1			
Pressure Sprayer	Container for manual pressurized, 2,5 bar safety relief valve					
	1,5 litre	89.400.150	1			
	Economy 1 litre	89.400.200	1			
Pressure Sprayer with shoulder strap	2 bar safety relief valve, level indicator, filling funnel					
	5 litre	89.400.500	1			
Rubber Grouter	4 mm thick black rubber with wooden handle					
	30 cm	44.700.030	1			
Rubber Grouter	chamfered					
	15 cm	44.700.015	1			

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.

Chiu® Masking Tape Economy 100


smooth tape with good adhesive performance, impregnated, tear proof crepe paper, coated with a soft synthetic rubber glue use only for short time,

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

Cobra® Masking Tape Standard 110


impregnated, tear proof and tough crepe paper, coated with a soft modified synthetic rubber glue of good adhesive strength and ageing resistance,

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	32
38 mm x 50 m	70.110.038	4	24
50 mm x 50 m	70.110.050	4	24

Masking Tape Professional 135


brown, impregnated, tear-resistant, flat creped paper adhesive tape which is coated with a natural rubber adhesive (solvent-based). Temperature resistant up to 110 °C, thickness 135 µm

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

Japanese Masking Tape Standard



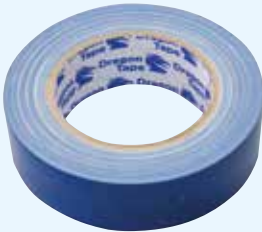
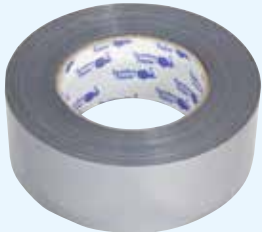


gold-yellow/orange, coated with especially suitable acrylic glue, heat resistant up to 80 °C, UV-resistant up to 4 weeks, gives sharp edges during varnishing and painting, thickness approx. 100 µm

19 mm x 50 m	70.130.019	12	48
25 mm x 50 m	70.130.025	6	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

Japanese Masking Tape Premium


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 85 µm

30 mm x 50 m	70.130.130	8	32
50 mm x 50 m	70.130.150	6	24

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
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 62 µm					
	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	
PVC Masking Tape 	smooth, high stretchable plastic tape, highly UV-resistant, can be used outdoor up to 6 weeks					
	30 mm x 33 m	70.200.030	4		60	
	50 mm x 33 m	70.200.050	4		36	
Dragon Tape® Cloth Tape blue 	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 thickness approx. 300 µm					
	38 mm x 25 m	70.700.038	4		32	
	50 mm x 25 m	70.700.050	4		24	
Tembo Tape® Duct Tape silver 	Duct tape, pe-coated, very adhesive, for rough surfaces, medium cloth texture, synthetic rubber, thickness approx 200 µm					
	38 mm x 50 m	70.701.138	4		32	
	48 mm x 50 m	70.701.150	4		24	
Duct Tape Premium silver 	PE-coated, very adhesive, for rough surfaces, high cloth texture, natural rubber adhesive, do not apply on aluminium and plastic, 14 days UV-protection, thickness approx. 300 µm					
	38 mm x 50 m	70.702.038	4		30	
	50 mm x 50 m	70.702.050	4		24	
Concrete Tape yellow 	heavy duty, oil resistant, tear- and water proofed cloth tape, PE-coated cloth, UV-resistant 14 days, even at low temperatures thickness approx. 220 µm					
	44 mm x 50 m	70.708.044	2		24	

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Tape brush 	to apply tape on raw surfaces while standing 15 x 6 cm	30.700.150	1			
Packing Tape 	low noise, water based acrylic glue, thickness 0,28 µm 50 mm x 66 m transparent brown	70.810.010 70.810.020	6 6		36 36	
Hand-Held Tape Dispenser 	for packing tape	30.750.050	1			
Dispenser 	for masking paper and adhesive tape (without blade) metal housing blue with plastic handle without accessories Blade made of metal 30 cm	70.930.001 70.939.030	1 1			10
Masking paper 	40 g/m², 50 m width 30 cm	70.931.030	1		10	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Bond+Deck pre-taped masking film with cloth tape 18 mm 	folded 9 µm thick HDPE cover film, with a 18 mm wide and 21 days UV resistant cloth tape					
	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		
Bond+Cover pre-taped masking film with cloth tape 30 mm 	folded 9 µm thick HDPE cover film, with a 30 mm wide and 21 days UV resistant cloth tape					
	55 cm x 20 m	70.927.055	1		30	
	1,10 m x 20 m	70.927.110	1		30	
1,40 m x 20 m	70.927.140	1		30		
Bond+Cover pre-taped masking film with crepe tape 17 mm 	folded 10 µm thick HDPE cover film, with a 17mm wide and 7 days UV resistant masking tape with natural rubber, short term heat resistant up to 60 °C					
	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		30	
2,70 m x 16 m	70.921.260	1		30		
Bond+Cover pre-taped masking film with japanese masking tape 17 mm 	folded 7 µm HDPE masking film with a 19 mm wide 90 days UV resistant japanese masking tape, acrylic adhesive, short term temperatur resistant up to 150 °C					
	55 cm x 25 m	70.925.055	5		40	
	1,40 m x 25 m	70.925.140	1		30	
2,70 m x 16 m	70.925.270	1		40		
Bond+Cover pre-taped paper with crepe tape 16 mm 	folded kraft paper strip with a 16 mm wide and 7 days UV resistant crepe adhesive tape with natural rubber, temperature resistant short-term up to 60 °C					
	18 cm x 25 m	70.922.180	1		60	
30 cm x 20 m	70.922.300	1		24		

Protection Foil made from LDPE and HDPE

The different characteristics of LDPE and HDPE can be heard, seen and felt. Due to 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. The higher strength of the HDPE it can be made in thickness down to 5 µm while LDPE foils a min. thickness of 12 µm requires. 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 m² (4 x 2,5 m)

40.814.010

1

40

 7 µm
 20 m² (4 x 5 m)

40.817.020

1

50

 10 µm
 100 m² roll (2 x 50 m)

40.809.101

1

10

Protective Sheet LDPE

transparent/translucent

 15 µm
 20 m² (4 x 5 m)

40.825.020

1

10

 30 µm
 50 m² (4 x 12,5 m)

40.827.050

1

10

Covering Sheet PE


Cover sheet made of polyethylene, also suitable to protect the floor at the mixing area, folded, regenerated material; other dimensions on request

 Type 100 = 85 µm
 2 m x 50 m

40.800.150

1

3

4 m x 50 m





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, multiple usable.	1,20 x 2,20 m	40.888.200	1	5	
Glass protective film 	designed to temporarily protect glass surfaces, slightly tacky cover, blue-transparent LDPE sheet, leaves no residue behind, thickness approx. 5 µm	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 1 m eyeleted, waterproof, UV-resistant, 90 g/m ² polyethylene	2 x 3 m	40.840.006	1		
		4 x 6 m	40.840.024	1		
Multilayer paper role 	Multilayer paper role for covering and protecting, width approx. 125 cm multilayer cover board with approx. 240-280 g/m ² with 2 x 10 g/m ² LDPE	50 m ²	40.820.130	1	2	
		pallet prices on request				
Cover Felt 	one side covered with anti slip, 1 m x 50 m	180 g/m ²	40.810.180	1	2	
		250 g/m ²	40.810.150	1	2	
		pallet prices on request				

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Deep Hole Marker 	for all materials, waterproof, adjustable telescopic tip, line width Ø 1.4 mm					
	black	30.995.003	1			
	red	30.995.004	1			
	blue	30.995.005	1			
Pica Deep Hole Marker Holder 	Practical quiver protector with special clip in signal colour, one-hand operation, with sharpener, incl. 1 refill					
		30.995.010	1			
PICA DRY refill set 	Marks and writes on all material surfaces, even on dusty, rough, oily, damp and dark surfaces. Practical quiver protector with special clip in signal colour, one-hand operation, fail-safe.					
	2 pcs – RED	30.995.110	1			
	2 pcs – YELLOW					
	4 pcs – GRAPHITE					
Wax Cryon 	for professional use, most suitable for marking metal, tiles, stone and concrete					
	Pack of 12 pcs yellow	40.250.001	1			
	blue	40.250.002	1			
	red	40.250.003	1			
Carpenter's pencil 	good quality					
	25 cm	40.230.025	5			
Mason's Lacing Cord 	highly tear-resistant, Ø1,7 mm					
	green 50 m	40.260.006	1			
Chalk Reel 	for marking joints					
	metal 30 m	40.260.001	1			
	ABS 50 m	40.260.050	1			
Pigment Powder 	blue 250 g	40.260.250	1			
	500 g	40.260.500	1			
	red 250 g	40.260.251	1			
	500 g	40.260.501	1			
	white 250 g	40.260.252	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Barrier Tape 	made of polyethylene, approx. 34µm, both sides red/white, in cardboard box					
	80 mm x 500 m	40.400.580	1		12	
Ratchet Tie Down 	made of polypropylene, tensile strength 1000daN					
	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			
Stretch Foil 	23 µm thick foil, e.g. for securing hobbocks during transport					
	50 cm x 300 m	40.820.055	1		6	
Waste Bag 	blue, 15 pcs/role, 120 litre, 70 x 110 cm					
	80 µm	40.400.120	1		10	
PP-Sacks woven 	with top seam, white, unprinted; suitable for construction waste					
	max. load 15 kg 400 x 600 mm	40.410.015	10			
	max. load 50 kg 600 x 1050 mm	40.410.050	10			
Big Bag 	4 Loops, up to 1000 kg, 0,7m³					
	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	
	90 x 90 x 110 cm with apron, with spout	40.434.035	1		10	

Line Marking Applicator



ideal for marking factory floors, warehouses, car parks, playgrounds walkways and other hard flat surfaces; Patented technology - battery powered air pressure system produces a sharp, clean line without spray mist; Using a special nozzle and swirl technology, the spray mist is limited; Adjustable wheels allow marking directly along a wall or shelf. With just one unit, lines can be drawn in 50 mm, 75 mm or 100 mm; Applicator is quick to assemble and simple to use – no specialist equipment or knowledge required. Supplied in a heavy duty carry case.

- Set includes:
- Applicator
 - AA Battery for air pressure system
 - Masking plates and silicon brushes
 - Pinter/scraping tool
 - heavy duty carry case for safe storage and transit

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



the precision valve enables very precise marking work and labelling, even overhead, on an acrylic resin basis, high pigment content, fast drying, good adhesion to a wide variety of substrates, such as tar, earth, concrete, metals, wood and even on wet surfaces, volume 500 ml

orange	45.060.006	1	12
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Aerosol line marking paint



a fast drying, wear resistant epoxy-ester based line marking paint with a semi-gloss finish and excellent adhesion and durability properties compared to other line marking paints. Can of 750ml is sufficient for an approx. 45 m long and 5 cm wide sharp, clear line, curing 4 hrs

white (RAL9016)	45.010.001	1	6
yellow (RAL 1023)	45.010.002	1	6
red (RAL 3020)	45.010.003	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	

Stencil set (letters + numbers)

Stencil set 60 pieces

A - Z 1 each, L, N, P, S, 2 each additional, I, N, P, S, 3 each additional A, E, O, 2 each additional numbers 0 - 9, 1 x straight arrow line and 1 x L arrow line, 1 straight line

height

150 mm

45.090.001

1

300 mm

45.090.003

1

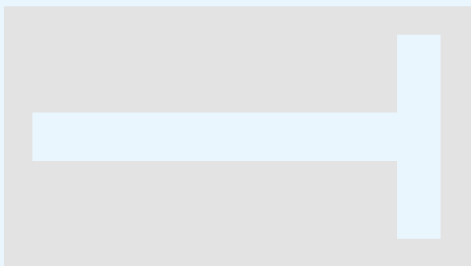
Handicap Template


made of plastic

66,1 x 55,9 cm

45.090.004

1

T-Line Template


for clear and quick marking on roads, parking lots, in halls and warehouses, on company parking lots, parking garages, etc., material: 0,3 mm PET plastic, Motive size: 100 cm long, 50 cm wide

6 cm Line width

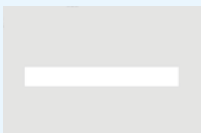
45.093.060

1

12 cm Line width

45.093.120

1

Line Template


for clear and quick marking on roads, car parks, in halls and warehouses, on company car parks, multi-storey car parks, etc., material: 0,5 mm PET plastic, motive size: 100 cm long

12 cm Line width

45.094.120

1

Dotted line Template


for clear and quick marking on roads, car parks, in halls and warehouses, on company car parks, multi-storey car parks etc., material: 0.5 mm PET plastic, motif length 1.00 m (4 free fields 12 x 20 cm, distance between fields 10 cm)

12 cm Line width

45.095.120

1

More stencils on request

pedestrian, cyclist, arrows, forklift charging station and more

Broom explanations – which bristle for which dirt

Bristle	Explanation	Best use for
Arenga	Palm fibre heat resistant, dust binding	for coarse and fine dirt
Elaston	Plastic fibre, wet strength, keep in shape	for coarse and wet dirt
Arenga/Elaston	Mix of arenga- and elaston fibres	for coarse and fine dirt (sand)
Kunstfaser	Fibresoft synthetic fibre mostly made of polyethylen, high flexible	for fine, dry dirt
Kokos	soft to rough cocos fibre	for shops if medium to fine dirt or chips

Arenga-Elaston MT®Broom

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

40 cm	30.000.140	1	10
50 cm	30.000.150	1	10
60 cm	30.000.160	1	10

Hand Brush Arenga

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

Elaston Broom

**with handle bracket and scratch blade
bristle length 75 mm**

40 cm	30.050.040	1	10
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Indoor Broom

**fine, soft bristles,
bristle length 68 mm**

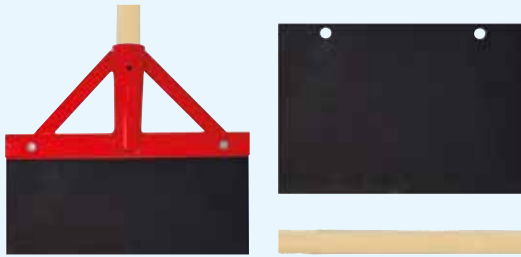
50 cm	30.000.051	1	10
60 cm	30.000.061	1	10

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Fine Hair Hand Brush 	bristle length 55 mm					
	30 cm	30.001.030	1		10	
Cocos Broom 	bristle length 75 mm					
	40 cm	30.010.040	1		10	
	50 cm	30.010.050	1		10	
	60 cm	30.010.060	1		10	
Cocos Hand Brush 	bristle length 75 mm					
	28 cm	30.001.029	1		10	
Dust Pan Metal 	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	
Wire Broom 	Flat wood with handle hole, 6 rows, bristle length 63 mm					
	30 cm	30.100.030	1			
Wire Hand Brush 	5-row, bristle length 55 mm					
	30 cm	30.101.030	1			
Wire Scrubbing Brush 	6-row, bristle length 35 mm					
	22 cm	30.101.022	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair	
Scrubbing Brush 	4-row, artificial fiber bristle, with screw hole 30 cm	30.005.029	3				
	Handle wood Ø 24 mm 1,40 m 1,40 m with metal thread 1,50 m Ø 28 mm 1,50 m 1,50 m with metal thread 2,00 m 2,00 m with metal thread	 	30.324.140 30.324.141 30.324.150 30.328.150 30.328.151 30.328.200 30.328.201	10 10 10 10 10 10 10			
Brass Wire Brush 	with plastic handle 1-row	30.102.001	1				
Wire Brush  	wire Ø 0,31 mm carbon steel, straight 2-row 4-row stainless steel, straight 3-row 4-row	30.102.002 30.102.004 30.102.013 30.102.014	1 1 1 1				
	Carpet Clamp 	for tearing out glued carpet	30.280.010	1			

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

Floor Scraper



extra stable design with struts, width: 30 cm

complete with handle

30.200.030

1

Floor Scraper Spare Parts

replacement blade without frame

30.201.030

1

replacement broomstick

30.201.000

1

Scraper



blade thickness 1,75 mm, with chamfer, broomstick and D-Shape handle, total length 1,34 m

8 cm

30.200.008

1

Scaling Spatula



blade thickness 1,5 mm, stable and chamfered blade

5 cm

20.410.005

1

12

7 cm

20.410.007

1

12

Shock Spatula



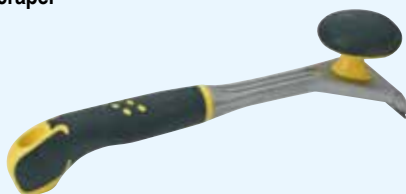
blade thickness 1,5 mm, blue blade with chamfer, total length approx. 40 cm

7 cm

30.203.007

1

Paint Scraper



with knob to increase pressure, 2-K grip

64 mm

30.213.064

1

replacement blade set with 3 pcs

30.213.065

1

64 mm

Wallpaper Scraper



30 cm long , blade 10 cm

30.215.010

1

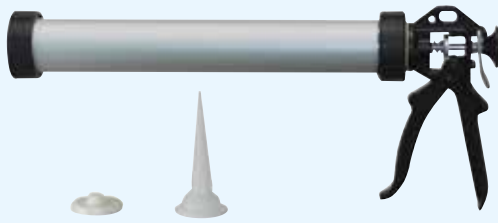
replacement blade box with 10 pcs

30.215.011

1

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

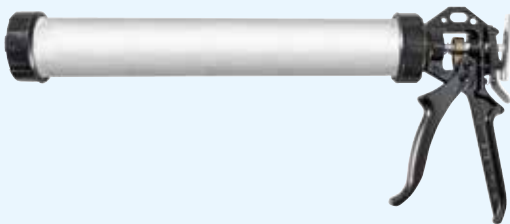
Cartouche Gun manually



for seal bags and cartridges, incl. 1 syringe and 1 plate
Ratio 10:1 (for low viscosity materials, 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/MK Cartouche Gun manually



for seal bags and cartridges

12:1 Pressure/Leverage (low to medium viscose materials) 600 ml aluminium barrel	30.612.612	1		
18:1 Pressure/Leverage (for medium viscose materials) 310 ml aluminium Barrel	30.618.312	1		
600 ml aluminium Barrel	30.618.612	1		

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.




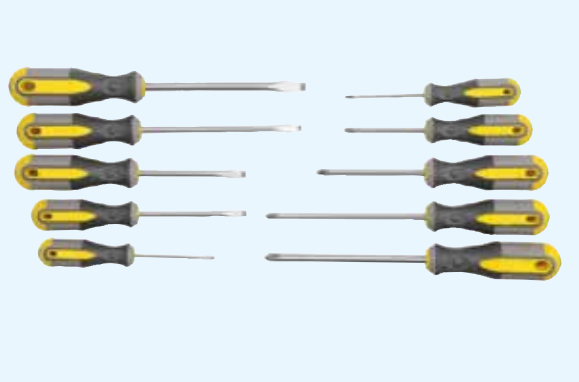
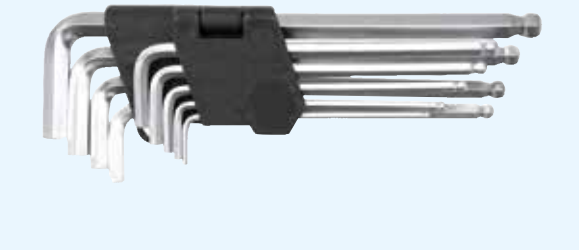
The speed sensitive trigger switch also enables less experienced operators to produce consistent beads of material on a repeated basis.








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 (255Kg), max. speed 9 mm/sec, net weight 1,86 Kg, use for 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 10,8V	30.681.055	1		
Charger for Cox battery 10,8V	30.681.059	1		

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Wrecking bar 	hexagonal Ø18 mm, hardened tip					
	50 cm	30.800.051	1			
Carpenter Hammer 	with steel handle, roughened surface, with magnet					
	600 g	28.750.601	1			
Locksmith Hammer 	with ash handle and impact protection, acc. DIN1041					
	300 g	30.800.003	1			
	500 g	30.800.005	1			
Club Hammer 	with ash handle					
	1000 g	30.800.001	1			
Pointed Chisel 	made of chrome-vanadium steel, hardened and annealed acc. DIN 7256					
	Ø 16 mm					
	20 cm	30.820.016	1			
Mason's Chisel 	made of chrome-vanadium steel, hardened and annealed acc. DIN 7256					
	Ø 16 mm					
	20 cm	30.920.016	1			
F-Clamp 	malleable iron, span 30 cm, throat depth 12 cm, heavy stable arms, wooden handle					
	bar thickness 30 x 8 mm	30.881.130	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Waterpump Pliers 	chrome-vanadium steel, forged, with trapping protection, with dip-paint isolated grip, effortless, Made in Germany 240 mm	30.890.240	1			
Pincer Professional 	Made in Germany 200 mm	30.896.200	1			
Tower Pincer Professional 	with dip-paint isolated grip, mouth 26 mm, Made in Germany 280 mm	30.895.280	1			
Tower Pincer Economy 	with dip-insulated handles, mouth 24 mm, import, for opening tin lids 250 mm	30.895.220	1			
VDE Voltage Tester 	100 mm	30.935.100	1			
Cables Ties 	price per pack (100 pcs) 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			

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
VDE Screwdriver Set 5 pcs	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 7 pcs	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			
Screw Driver Set 5 pcs	CrV-Blade, black tip, Softgrip					
	Slot: 75 mm blade: 3,0 100 mm blade: 4,0 125 mm blade: 5,5 Cross: 80 mm blade: PH1 100 mm blade: PH2	30.878.005	1			
Screw Driver Set 10 pcs	CV-Blade, Softgrip					
	Slot: 75 mm blade: 3,0 100 mm blade: 5,0 100 mm blade: 6,0 150 mm blade: 6,0 150 mm blade: 8,0 Cross: 75 mm blade PH0 75 mm blade PH1 100 mm blade PH2 150 mm blade PH2 150 mm blade PH3	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
Hammer Drill SDS-Plus 	for concrete, stone, granite, reinforcement, walled					
	direction: right					
	length 160 mm					
	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			
	length 210 mm					
	Ø 6,0 mm	34.772.206	1			
	Ø 8,0 mm	34.772.208	1			
	Ø 10,0 mm	34.772.210	1			
	length 266 mm					
	Ø 12,0 mm	34.772.212	1			
	Ø 14,0 mm	34.772.214	1			
	length 300 mm					
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				
Pointed Chisel SDS-Plus 	Ø 15 mm 250 mm	34.777.125	1			
Flat Chisel SDS-Plus 	Ø 15 mm 250 mm, width 20 mm	34.777.225	1			
	Ø 17 mm 400 mm, width 25 mm	34.777.240	1			
Spade Chisel SDS-Plus 	Ø 15 mm 250 x 40 mm	34.777.325	1			
Level Chisel SDS-Plu 	Ø 15 mm 250 mm	34.777.425	1			
Pointed Chisel SDS-Max 	Ø 18 mm 280 mm 400 mm	34.779.125 34.779.140	1 1			
Flat Chisel SDS-Max 	Ø 18 mm, length 40 cm width 25 mm 50 mm	34.778.240 34.778.245	1 1			

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

Cabel Quality Specification code									
H	05	R	N	-	F		3	G	1,5
1	2	3	4		5		6	7	8
1	Type	H =	Harmonized cable						
2	Nominal voltage	03 =	300 / 300 V						
		05 =	300 / 500 V						
		07 =	150 / 750 V						
3	Insulating Cover	V =	PVC						
		V3 =	PVC, prooved up to -35 °C						
		R =	Nature- or synthetic-cautchouce						
		S =	Silicone- cautchouce						
		B =	Synthetic-cautchouce						
4	Sheat material	V =	PVC						
		V3 =	PVC, prooved up to -35 °C						
		R =	Nature- or synthetic-cautchouce						
		N =	Neoprene -cautchouce						
		J =	Glas fibre braid						
		T =	Textile braid						
		Q =	Polyurethane						
5	Type of conductors	U =	round, solid conductor						
		R =	round, flexible conductor						
		K =	finely stranded for cables for fixed installation						
		F =	finely stranded for flexible cables						
		H =	extra finely stranded for flexible cables						
		Y =	tinsel conductor						
6	Adernzahl								
7	Schutzleiter	G =	with yellow-green core						
		X =	without yellow-green core						
8	Conductor cross section in mm ²								

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
LED Flashlight		250 lumens IP 44 160 m lighting range including 3 AAA batteries and belt clip	99.497.021	1		
LED Spotlight		LED spotlight with illuminated on/off switch and integrated carrying handle has a splash-proof socket with self-closing cover. Protection class I				
	<ul style="list-style-type: none"> - incl. splash proofed socket - glare free light - on/off switch - IP 54 - color temp. 5700 K (daylight white) - acc. German BGI 608 - 5 m oil resistant cable H07RN-F 3 x 1,5 	8300 lm	99.465.070	1		
AKKU LED Bauleuchte		quick-locking stand on slide rail. With USB-C port, with under- and overload protection and charge status display, with powerbank function, charging cable included				
	<ul style="list-style-type: none"> - integrated rechargeable battery - on/off switch - 3 lighting modes (100% - 50% - 25%) - IP 54 - Colour temperature 6500 K (daylight white) 	3200 lm	99.466.320	1		
LED spotlight with tripod		with height-adjustable tubular steel stand. For indoor and outdoor use and for use on construction sites				
	<ul style="list-style-type: none"> - continuously swivelling - IP 65 - color temperatur 6500 K - 0,86 up to 1,52 m heighth of tripod - 5 m cable H07RN-F3G1,0 	4400 lm	99.467.050	1		

Double Mobile LED work light 4800 lm with 1,8 m adjustable tripod



with height-adjustable tubular steel stand. For indoor and outdoor use and for use on construction sites.

- continuously swivelling
- IP 65
- 1,80 m height of tripod
- 3,0 m cable H07RN-F3G1,0

4800 lm	99.467.250	1		
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D2 Halogen Floodlight with mobile tripod



2,5 m cable, made with a plastic-coated aluminium die cast housing and frame. They are equipped with an aluminium reflector, hardened safety front glass, silicone sealing, lamp socket R7S. Suitable for outdoor areas (IP 54). Tripod from 0,8 to 2,0 m, H05RN-F 3G1,0

- continuously swivelling
- IP 54
- von 0,80 bis 2,00 m height of tripod
- 2,5 m cable H07/RN-F3G1,0

2 x 400 Watt	99.430.520	1		
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Replacement Lamp Halogen



Replacement halogen lamp				
400 Watt	99.400.051	1	5	
1000 Watt	99.410.151	1	5	
1500 Watt	99.400.151	1	5	

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

Extender Cable 220V, black


Quality construction site cable made of rubber neoprene, abrasion-resistant, with earthing contact plug and coupling with sealing cap, oil-resistant, for use outdoors and on construction sites, in workshops and industry, IP 44

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

Extender Cable 220V, red


Quality construction site cable made of rubber neoprene, abrasion-resistant, with earthing contact plug and coupling with sealing cap, oil-resistant, for use outdoors and on construction sites, in workshops and industry, IP 44

H07RN-F 3G1,5

10 m

31.562.010

1

25 m

31.562.025

1

Extender Cable 220V, orange


Quality construction site cable made of polyurethane, hoch abrasion-resistant, with protective contact plug and coupling with sealing cap in particularly robust design, temperature-resistant up to -40° acid + oil-resistant, for use outdoors and on construction sites, in workshops and industry, IP 44

H07BQ-F 3G1,5

10 m

31.563.010

1

25 m

31.563.025

1

Extender Cable 220V, black, with Power block


Quality extension cable made of rubber neoprene, with power block, suitable for construction site use and outdoor use, splash-proof. High-quality impact-resistant and break-proof power block, 4 splash-proof sockets in 45° arrangement with self-closing hinged covers to protect against soiling. Folding metal hook, IP54

H07RN-F 3G1,5

5 m

31.584.005

1

10 m

31.584.010

1

CEE extension cable, 16A, black, phase inverter


Quality extension cable made of rubber neoprene, abrasion-resistant, oil-resistant, for use outdoors and on construction sites, in workshops and industry, CEE plug and coupling with sealing cap and phase inverter plug, IP 44

H07RN-F 5G1,5

10 m

31.571.010

1

25 m

31.571.025

1

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
CEE Extender Cable 16A orange, phase inverter 	Quality extension cable made of polyurethane, highly abrasion resistant, with CEE plug and coupling with sealing cap and phase reversing plug, temperature resistant -40 to +80°C, outdoors and construction sites, in workshops and industry, IP 44					
	H07BQ-F 5G1,5					
	10 m	31.573.010	1			
	25 m	31.573.025	1			
	H07BQ-F 5G2,5					
10 m	31.573.110	1				
25 m	31.573.125	1				
CEE extension cable 32A, black, phase inverter 	Quality extension cable made of rubber neoprene, abrasion-resistant, oil-resistant, for use outdoors and on construction sites, in workshops and industry, CEE plug and coupling with sealing cap and phase inverter plug, IP 44					
	H07RN-F 5G4					
	10 m	31.575.010	1			
25 m	31.575.025	1				
CEE Extender Cable 32A orange, phase inverter 	Quality extension cable made of polyurethane, highly abrasion resistant, with CEE plug and coupling with sealing cap and phase reversing plug, temperature resistant -40 to +80°C, outdoors and construction sites, in workshops and industry, IP 44					
	H07BQ-F 5G4					
	10 m	31.577.010	1			
25 m	31.577.025	1				
Cable Drum Eco, 220V Ø1,5 	For construction site use and outdoor use. Drum body made of plastic Ø285 mm					
	<ul style="list-style-type: none"> - insulated handle with non-slip plastic profile - Can be used upright or lying down - Rotation stop switch - VDE thermal circuit breaker and 3 protective contact sockets with - safety hinged covers and hammer symbol - Function LED green and red - incl. DiagS - the cable drum diagnostic system - Plug parking station - Protection class IP 44 - Cable quality rubber-neoprene - Cable colour: red 					
	According to: DGVU-I 203-006					
	H07RN-F 3G1,5					
	40 m	31.500.040	1			

Metal cable drum Profi, 220V Ø 1,5


For construction site use and outdoor use. Drum body made of sheet steel Ø 290 mm.

- Drum body made of sheet steel, front and back insulated for protection.
- Ergonomic handle with axle for perfect cable guidance during winding and unwinding.
- RN cable is very robust, oil-resistant and particularly suitable for professional use.
- 4 protective contact sockets, splash-proof, with self-closing lids
- IP 44
- Cold-resistant down to -25°C

Complies with DGVU-I 203-006

H07RN-F 3G1,5
25 m

31.501.025

1

Metal cable drum Profi, 220V Ø 2,5


For construction site use and outdoor use. Drum body made of sheet steel Ø 285 mm.

- Drum body made of sheet steel with special protective insulation, galvanised, sturdy carrying frame.
- Ergonomic handle,
- with patented cable guide
- Parking brake
- VDE thermal circuit breaker and 3 protective contact sockets with safety hinged covers and hammer marks
- RN cable is very robust, oil-resistant and particularly suitable for professional use
- Cable colour: black
- IP 44

Rolled up: 1000Watt
Unrolled: 3600Watt

According to EN 61242, DIN VDE 0620-1, DIN VDE 0282-4, IEC 60309, DGVU-I 203-006

H07RN-F 3G2,5
25 m
40 m

31.502.125

1

31.502.140

1

Cable Drum 400V/16A


for construction site use and outdoor use, IP44. Drum Ø290 mm

- 1 CEE socket 400 V/16 A
- 2 splash-proof earthed sockets 230 V
- Reel body made of Breflex special plastic on galvanised support frame
- 3-pole safety cut-out and overheating protection
- ergonomic handle with axle
- simple and perfect cable routing during winding and unwinding
- 3 years warranty

According to: DGVU-I 203-006

H07RN-F 5G1,5
30 m
H07RN-F 5G2,5
20 m

31.515.030

1

31.525.020

1

Plastic cable drum Profiline, 220V Ø 2,5


Professional drum with a body and drum made of Rubbabren, a very shock and impact resistant mixture of plastic and rubber. For continuous use under the toughest conditions.

- Professional drum with anti-tilt protection on all sides.
- Drum body cold impact resistant up to -25°C
- Stable, perfect cable routing on all four sides
- Large, sturdy folding rotary handle for effortless winding and unwinding of the cable
- Robust carrying handles and plug parking system on all four sides
- BREMAXX®PURcable (BQcable)
 - Extremely abrasion-resistant, roll-over resistant, extremely cut and tear resistant
 - acid and oil resistant, weather and microbe resistant
 - Cold-resistant up to -40°C
- 4 protective contact sockets, splash-proof, with self-closing lids and visual ready indicator in the socket insert
- With extra-robust earthing contact plug.
- Thermal protection, indicator shows overheating or overloading
- Dimensions: H/W/D 40/39/25 cm
- Protection class: IP 44
- Cable colour: orange

According to: DGVU-I 203-006

H07BQ-F 3G2,5
33 m

31.505.133

1

Small Energy Station 16 A approx 11 kW


compact power distributor 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 CEE400V/16A
- 2 sockets CEE 400V/16A
- 4 sockets 230V/16A

Tested according DIN VDE 0620-1, ICE 60309, EN 60439-4, DIN VDE 0282-4
H07RN-F 5G 2,5

Connecting cable 2 m

no RCD
with RCD

31.607.001

1

31.607.010

1

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. tested by BGETEM according to DIN VDE 0661.1998-04, meets requirements of DGVU 203-006, max. 3500 W

16A 230V, H07RN-F-3G2.5
protected by 1 x ground fault circuit
braker 25A, 30mA und 1 x conductor
monotoring modul SLUP1P

31.590.230

1

16A 400V, H07RN-F-5G2.5
2 CEE power sockets 400 V, 4 power
sockets 230V
protected by 1 x ground fault circuit
braker 25A, 30mA und 1 x conductor
monotoring modul SLUP1P

31.590.400

1

Construction Site Power Unit 32A 22 kW with RCD


A closed housing substructure with a ground clearance of 77 mm prevents water ingress. Class IP 44 – Suitable for construction sites. Easy interchange of attachable sockets. Housing lid with quick-release, stainless-steel closure. Contact-protected 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, 16A
 - 2 CEE socket 400 V, 16A, 5-pole
 - 1 CEE sockets 400 V, 32A, 5-pole
- Protection: 1 x RCD 40 A, 30 mA, 4-pole, typ A
 3 x circuit breaker C 16A, 1-pole
 1 x circuit breaker C 16A, 3-pole

Safety standards:
 tested according to DIN VDE 0620-1, IEC 60309, EN 60439-4, DIN VDE 0282-4
 Made in Germany

H07RN-F-5G6	31.616.043	1		
2 m with RCD				

Hot Glue Gun Battery


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

	86.110.039	1		
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Glue Sticks


transparent, length 19 cm, Ø12 mm, 1kg, universal use

pot life				
30-60 sec	86.110.060	1		
60-90 sec	86.190.060	1		

Hot Air Gun


Hot air gun for removing paint, loosening stuck nuts or bending metal/plastic pipes, packed in practical plastic case. Over-temperature protection;
 Safe use in self-standing position; Cold air stage; Perfect balance; Suspension;
 Non-slip soft grip; Two temperature and blower stages; Ergonomic design.

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

2000 Watt	86.300.211	1		
Accessories hot air gun				
Wide-slot nozzle 75 mm	86.300.222	1		
Reduction nozzle 14 mm	86.300.225	1		

Collomix Mixing Tool


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

WK120 stirrer
HEXAFIX® coupling
M14 coupling

00.025.100	1	
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
M14 coupling

00.025.118	1	
00.025.124	1	

MK140 stirrer
HEXAFIX® coupling
M14 coupling

00.025.130	1	
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
M14 coupling

00.025.142	1	
00.025.148	1	

Replacement coupling
HEXAFIX®

00.049.522	1	
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Adapter HF-M14
Conversion of HF machines to
M-14 thread

00.049.582	1	
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HEXAFIX® retrofit kit
for connection to M-14 thread

00.049.517	1	
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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 litre)

00.025.154	1	
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450 rpm, MKD 140HF stirrer
1600 Watt (up to 90 litre)

00.025.160	1	
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Mixing tool for Collomix Xo duo

MKD 100 HF
Ø 180 mm for 15-50 kg (10-30 Liter)

00.040.060	1	
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MKD 120 HF
Ø 190 mm for 30-80 kg (20-50 Liter)

00.040.070	1	
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MKD 140 HF
Ø 210 mm for 60-145 kg (40-90 Liter)

00.040.080	1	
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Hexafix® Quick-Action Coupling

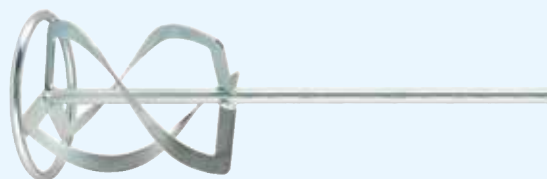

turquoise (right)
red (left)

00.049.545	1	
00.049.541	1	

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 12 mm 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 Ø 8 mm, length 40 cm Ø 100 mm for 10-20 kg	00.041.248	1		
length 60 cm 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 35-60 Kg	00.041.619	1		
HEXAFIX® coupling, length 59 cm Ø 120 mm for 15-25 kg	00.040.112	1		
Ø 140 mm for 25-35 kg	00.040.113	1		

Spiral Stirrer without Guard Ring

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

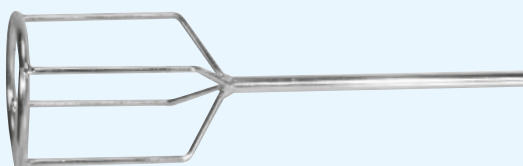


hexagonal coupling Ø 8 mm length 50 cm Ø 85 mm for 10-15 kg	00.031.085	1		
hexagonal coupling Ø 10 mm length 59 cm Ø 100 mm for 15-20 kg	00.031.320	1		

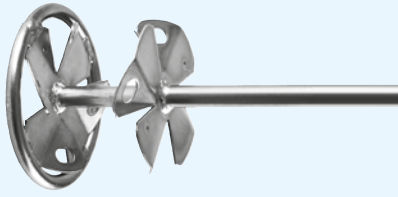
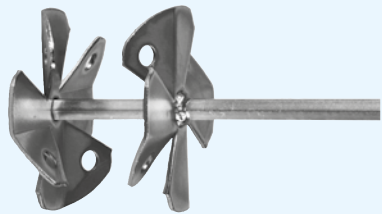
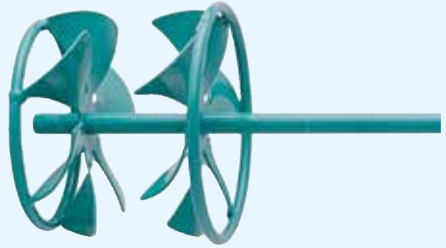

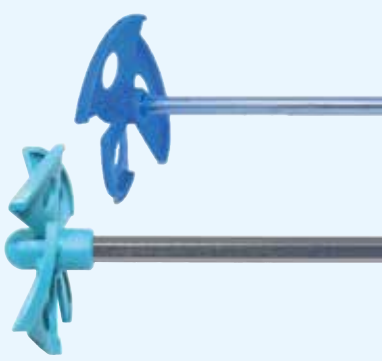
KR Stirrer







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 9/18/19/20 cm

Mixing direction: turbulence



hexagonal coupling Ø 8 mm 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
Double-Disk Stirrer with Guard-Ring 	for liquid materials such as paints, coatings, pure epoxy resin mixtures, liquid plastics and thin-bed adhesive mortars, length approx. 59 cm Mixing direction: upside down	M14 coupling				
	Ø 140 mm for 25-35 kg Ø 160 mm for 35-60 kg	00.033.140 00.033.160	1 1			
Double-Disk Stirrer without Guard-Ring 	for liquid materials such as paints, coatings, pure epoxy resin mixtures, liquid plastics and thin-bed adhesive mortars, Mixing direction: upside down	hexagonal coupling, Ø 8 mm length 50 cm				
	Ø 80 mm for 5-8 kg	00.031.080	1			
	M14 coupling, length 60 cm Ø 120 mm for 15-20 kg	00.031.120	1			
	Ø 150 mm for 20-30 kg	00.031.150	1			
DLX Stirrer 	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. length approx. 58 cm Mixing direction: upside down	HEXAFIX® coupling				
	Ø 120 mm for 15 - 30 litre	00.040.109	1			
	Ø 150 mm for 30 - 50 litre	00.040.983	1			
	M14 coupling Ø 120 mm for 15 - 30 litre	00.040.974	1			
	Ø 150 mm for 30 - 50 litre	00.040.984	1			
Single Disk Stirrer 	generates a powerful flow in the material for optimum results in super-fast time, it lets you work effortlessly, with minimum physical strain. Ideal for liquid and spreading materials. Suitable for paints, primer coats, epoxy-resins, etc. Mixing direction: downside up	hexagonal coupling Ø 8 mm length 50 cm				
	Ø 90 mm for 5-10 kg	00.040.950	1			
	hexagonal coupling Ø 10 mm length 59 cm					
	Ø 120 mm for 10-25 kg	00.040.960	1			
	M14 coupling, length 59 cm Ø 120 mm for 15-25 kg	00.040.970	1			
Disc stirr bar plastic 	for low-viscosity materials such as paints, varnishes and glazes	round coupling Ø 6 mm length 30 cm Ø 60 mm				
		00.040.760	1			
	round coupling Ø 8 mm length 40 cm Ø 70 mm					
	00.040.780	1				

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Disc stirr bar plastic Ø 75 mm 	for low-viscosity materials such as paints, varnishes and glazes					
	hexagonal coupling Ø 8 mm length 30 cm Ø 45 mm	00.047.043	1			
	length 50 cm Ø 45 mm	00.047.045	1			
Disc stirr bar plastic Ø 100 mm 	for low-viscosity materials such as paints, varnishes and glazes					
	hexagonal coupling Ø 8 mm length 30 cm Ø 75 mm	00.047.073	1			
	length 50 cm Ø 75 mm	00.047.075	1			
Disc stirr bar plastic Ø 100 mm 	for low-viscosity materials such as paints, varnishes and glazes					
	hexagonal coupling Ø 10 mm length 30 cm Ø 100 mm	00.047.103	1			
	length 50 cm Ø 100 mm	00.047.105	1			
Dissolver disc plastic 	Replacement Disc					
	Ø 45 mm	00.048.045	1			
	Ø 75 mm	00.048.075	1			
	Ø 100 mm	00.048.100	1			
Bitumen Stirrer (Anchor Mixer) 	for 1- and 2-component bitumen coatings and bituminous fillers, length 60 cm, basket height 12 cm					
	Mixing direction: parallel, and depending on material consistency undertow with upside down					
	HEXAFIX® coupling Ø 170 mm for 25-40 litre	00.040.140	1			
	M14 coupling Ø 170 mm for 25-40 litre	00.040.141	1			
Paint Stirrer Economy 	for thin materials such as paints, varnishes, primers, etc.,					
	Mixing direction: downside up					
	hexagonal coupling Ø 6 mm 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			
	hexagonal coupling Ø 7 mm length 60 cm Ø 100 mm up to 20 kg	00.040.189	1			

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

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

Flake Pistole Battery



Flake gun battery operated with carrying strap
The flakes (from bucket/spreading tray or similar) are sucked in via a hose and fed through the device and blown out at the front. Chip size 0.5 to 7 mm possible.
The chips are crushed by the blower to a size of up to 2 mm.

87.003.001

1

Sieve



suitable for mixing bucket 30 L (99.200.030)

Mesh size 3 mm
Ø 25 cm

30.551.008

1

Floor coating

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Plastic Bucket 	Made from high-grade polyethylene regenerate mixture, black, galvanised bracket					
	12 L	99.100.012	5		20	
	20 L	99.100.020	5			
	Pallet prices on request					
Mixing Bucket 	height 37 cm					
	30 L	99.200.030	5			
	Lid	99.200.036	5			
Mixing Bucket 	from HDPE					
	height 57 cm 75 L	99.213.075	1			
Scraping Spatula 	for cleaning buckets					
	45 cm	20.305.145	1			
Mixing Barrel 	black					
	65 L	99.200.065	3			
	Diameter inside (outside) top: 53 (58,5) cm, bottom: 44,5 (46,5) cm, height: 34 (34,5) cm					
	90 L	99.200.090	3			
	Dimensions inside (outside) top: 57 (64,5) cm, bottom: 48 (50) cm, height: 38 (40) cm					

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

Mixing Barrel


with edge reinforcement by aluminium tubes Ø22mm, cut-outs for crane gear
Colour: nature
Material: PE-HD
Temperature resistance: between 30 °C up to +50 °C short term for cleaning up to +90 °C
 Measure outside: above/below 650/500x400mm
 inside: above/below 600/490x380mm

80 L	99.200.080	1		
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Drum Tap


Cast Iron Tap 2" (self-sealing thread)	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		

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 68x80cm, 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)

max weight 150 kg	46.110.150	1		
Replacement Wheel Set 2 fixed and 2 swivel wheels Ø 100 mm	46.110.152	1		

Floor coating

ABRASIVE TECHNOLOGY

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 onventional cutting discs. For high quality it is connection welded with the laser there are also brazed and sintered washers.

Corundum (for non mineral substrates e.g. wood)

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% Al₂O₃ (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 Cr₂O₃ (Chromium (III) oxide). Highest toughness allows grinding of high-alloy steels.
- Normal corundum is brown and has over 94% Al₂O₃. 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 (for mineral substrates like cement screed or concrete)

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 thread M12, Ø 400 mm

400 x 320 x 90 mm
Grain 16

52.410.016

1

Grinding ring with disc



Ø 400 mm
Connection

without

52.410.200

1

Columbus

52.410.201

1

Schwamborn

52.410.202

1

Sorma

52.410.203

1

Früh

52.410.204

1

Numatic

52.410.205

1

Nilfisk

52.410.206

1

Nilco

52.410.207

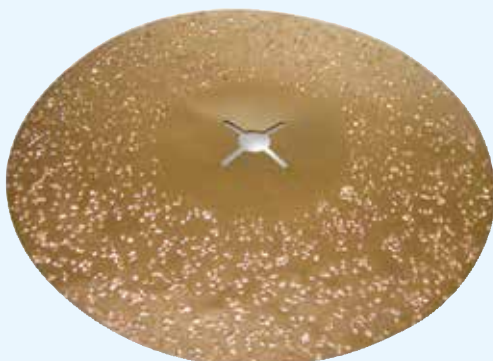
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Wolff

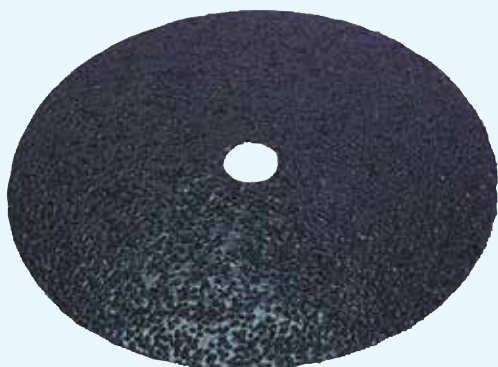
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Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Carbide Disc

Double Sided Metal Sanding Disc

Ø 400 mm			
Grain coarse	52.H40.16	1	
Grain medium coarse	52.H40.24	1	
Grain fine	52.H40.36	1	






Double Sided Sanding Disc

with silicium carbide, grit 12 and 16 openly scattered, all finer grits densely scattered

Ø375 mm			
Grain 16	52.375.16	10	
Grain 24	52.375.24	10	
Grain 40	52.375.40	10	
Grain 60	52.375.60	10	
Grain 80	52.375.80	10	
Grain 100	52.375.100	10	
Grain 120	52.375.120	10	
Ø 400 mm			
Grain 12	52.400.12	10	
Grain 16	52.400.16	10	
Grain 24	52.400.24	10	
Grain 40	52.400.40	10	
Grain 60	52.400.60	10	
Grain 80	52.400.80	10	
Grain 100	52.400.100	10	
Grain 120	52.400.120	10	
Ø 430mm			
Grain 16	52.430.16	10	
Grain 24	52.430.24	10	
Grain 40	52.430.40	10	
Grain 60	52.430.60	10	
Grain 80	52.430.80	10	
Grain 100	52.430.100	10	

Sanding Screen

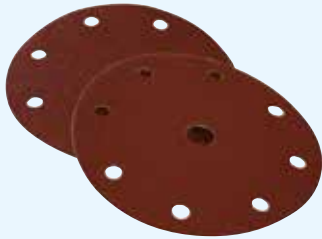
for sanding paints, resins and wood with silicium carbide

Ø 400 mm			
Grain 60	52.240.060	10	
Grain 80	52.240.080	10	
Grain 100	52.240.100	10	
Grain 150	52.240.150	10	
Grain 180	52.240.180	10	
Grain 220	52.240.220	10	
Ø 430 mm			
Grain 60	52.243.060	10	
Grain 80	52.243.080	10	
Grain 100	52.243.100	10	
Grain 150	52.243.150	10	
Grain 180	52.243.180	10	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Grinding Pot 	for concrete, stone und masonry, made of silicone carbide, Ø 110 x 90 x 22 mm, 50m/s max. rotation, hole 22,2					
	no thread					
	Grain 16/24	54.110.916	2			
	Grain 24/36	54.110.924	2			
Hand Grinder 	made of silicium carbide					
	15 x 5 x 5 cm, synthetic resin bond					
	Grain 16	53.300.003	1			
ZEC-Grinding Disc 	with silicium carbide					
	Ø 115 mm					
	Grain 16	52.115.016	5			
	Grain 24	52.115.024	5			
	Grain 36	52.115.036	5			
Grinding Mop Disc 	zirconium corundum on glasfibre disc					
	Ø 115 mm					
	Grain 40	52.115.440	10			
	Grain 60	52.115.460	10			
	Grain 80	52.115.480	10			
	Ø 125 mm					
Cleaning Disc 	suitable for removing paint/varnish from steel and cleaning weldseam, max. 63 m/s rpm					
	Ø 125 mm	52.125.801	5			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Supporting Plate 	plastic, supports ZEC grinding disc Ø 115 mm Ø 125 mm	52.115.000 52.125.000	1 1			
Flexible Grinding Disc 	corundum in synthetic resin bonding, flat cross cut hole 22 mm Ø 125 mm Grain 16 Grain 24 Grain 40 Grain 60 Grain 80	53.125.016 53.125.024 53.125.040 53.125.060 53.125.080	50 50 50 50 50			
Sanding Paper flexible C-Paper 	flexible 110-135 g, coated with aluminium oxide, synthetic resin bonded, 230 x 280 mm Grain 60 Grain 80 Grain 120	53.400.060 53.400.080 53.400.120	5 5 5			
Sanding Disc Velcro 	perforated Ø 125 mm Grain 60 Grain 80 Grain 100 Grain 120 Grain 150	53.423.060 53.423.080 53.423.100 53.423.120 53.423.150	10 10 10 10 10			
Sanding Disc Velcro 	silicium carbide, stearate bonded – suitable for varnish, perforated Ø 115 mm Grain 180 Grain 240 Ø 125 mm Grain 180 Grain 240	53.516.180 53.516.240 53.525.180 53.525.240	100 100 100 100			

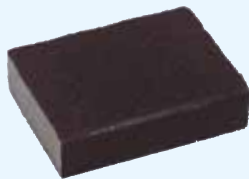
Sanding Disc Velcro



coated with corundum, synthetic resin bonded, perforated

Details	RefNr	Sales Unit	€piece/pair
Ø 150 mm			
Grain 16	53.450.016	50	
Grain 24	53.450.024	50	
Grain 40	53.450.040	50	
Grain 60	53.450.060	50	
Grain 80	53.450.080	50	
Grain 120	53.450.120	50	
Grain 180	53.450.180	100	
Grain 320	53.450.320	100	

Sanding Sponge



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

Details	RefNr	Sales Unit	€piece/pair
Grain 80	56.200.080	2	
Grain 100	56.200.100	2	
Grain 180	56.200.180	2	

Grinding Fleece Role



made of corundum, for wet and dry grinding, also for eccentric sanding machine and oscillating sander

Details	RefNr	Sales Unit	€piece/pair
Grain 120 (110 mm x 10 m)	53.115.120	1	
Grain 180 (110 mm x 10 m)	53.115.180	1	
Grain 320 (115 mm x 10 m)	53.115.320	1	

Grinding Float



carbide grain, 20 x 10 cm, edge 90°, 2.5 cm

Details	RefNr	Sales Unit	€piece/pair
Grain 14	52.120.014	1	
Grain 24	52.120.024	1	
Grain 36	52.120.036	1	
Handle bracket for sanding board	52.120.914	1	

Pad Carrier With Velcro



Details	RefNr	Sales Unit	€piece/pair
23 x 10 cm	56.340.010	1	

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Cleaning Sponge 	special sponge removes dirt and streaks (e.g. tyre marks) only with the help of water on plastic surfaces, polis 115 x 65 x 20 mm	52.602.115	1			
Cleaning Pad 	The special pad will clean most dirt and marks with water alone, and for more stubborn marks with a mild deter Ø 406 mm	52.603.400	1		5	
Cleaning Pad for Handpad Holder 	This special pad will clean most dirt and marks with water alone, and for more stubborn marks with a mild deter 115 x 250 mm	52.604.025	1			
Scrabbing Brush 	the bristles of different heights are provided with an abrasive grit. This means that even rough surfaces (e.g. sanded surfaces) can be cleaned thoroughly. The bristles are antistatic, oil and acid resistant. (without flange adapter, please select under 55.401.00X, page 107) Grain 120 220 400	52.641.120 52.641.220 52.641.400	1 1 1			
Cutting Disk Steel/Stainless Steel Standard 	extra fine cut, iron-, sulphur- and chlorine-free, high cost-benefit ratio, mounting hole diameter 22,2 mm 115 x 1,0 mm 125 x 1,0 mm	54.115.116 54.125.116	5 5			

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

Cutting Disk Steel/Stainless Steel Premium

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

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		

Saw Blade Concrete Standard

turbo segments for fast cutting of reinforced concrete, concrete, concrete paver, laser welded, segment height, mounting hole diameter 22,2 mm

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

High-quality blade, smooth running, turbo segments for a fast cut, long service life, for reinforced concrete, exposed aggregate concrete, natural stone, paving slabs, clinker, hard sand-lime brick, laser-welded, segment height 10 mm, mounting hole diameter 22.2 mm, Ø 300-900 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		
Hole diameter 30 mm with reduction ring to 25,4 mm				
230 x 2,6 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, mounting hole diameter 22,2 mm







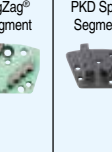

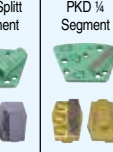
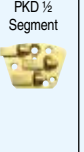

115 x 2,0 mm	51.033.115	1		
125 x 2,0 mm	51.033.125	1		
150 x 2,2 mm	51.033.150	1		
180 x 2,3 mm	51.033.180	1		
230 x 2,6 mm	51.033.230	1		

Saw Blade Screed/Asphalt Premium

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

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, Husqvarna													
Color code Mounting		black	red	green	purple	black	red	green	black	red	green	green	gold
RefNr xxx indicate the mesh size		M6 / M8 / Blastrac 55.716.xxx 55.718.xxx 55.741.xxx	M6 / M8 / Blastrac 55.726.xxx 55.728.xxx 55.743.xxx	M6 / M8 / Blastrac 55.736.xxx 55.738.xxx 55.745.xxx	M6 / Blastrac 55.756.xxx	M6 / Blastrac 55.616.020	M6 / Blastrac 55.626.020	M6 / Blastrac 55.736.020	M6 / M8 / Blastrac 55.806.040 55.808.040	M6 / M8 / Blastrac 55.806.030 55.808.030	M6 / M8 / Blastrac 55.806.020 55.808.020	silver M6 / Blastrac 55.810.011 55.818.011	gold M6 / Blastrac 55.830.011
Substrate		Schwamborn 55.761.xxx	Schwamborn 55.763.xxx	Schwamborn 55.765.xxx								Schwamborn 55.746.002	Schwamborn 55.746.002
Extremely hard concrete					X								
Hard concrete			X	X			X	X					
Soft concrete		X	X			X	X		X				
Screed (cement skin)		X	X			X	X		X				
Mastic asphalt		X							X				
Epoxy coating (thin)			X	X							X		
Epoxy coating (thick)						X	X	X				X	X
Polyurethane resin						X	X	X		X	X	X	X
Adhesive <1 mm										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

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

Adapter



HTC screwed M6
Screw HTC M6

55.797.016
55.797.116

1
1

HTC
magnetic

55.797.010

1

Schwamborn
magnetic

55.797.030

1

Scanmaskin
magnetic
(also for Wolff Ninja and Neo)

55.797.040

1

Lavina
magnetic
(also for Janser and Linolit)

55.797.050

1

Husqvarna
magnetic

55.797.060

1

special screws
MKS Funke

55.797.090

1

Diamond segments MT-Design®

2 acc. MT-Design® curved diamond segment 40 x 10 x 10 mm
color code: black (SF - Soft Floor) hard bond for soft concrete/screed/asphalt

3 x M6 + Blastrac			
Grit size 16/20	55.716.020	1	
Grit size 30/40	55.716.040	1	
Grit size 60/80	55.716.080	1	
3 x M8 + Blastrac			
Grit size 16/20	55.718.020	1	
Grit size 30/40	55.718.040	1	
Grit size 60/80	55.718.080	1	

color code: red (MF - Medium Floor) medium bond for medium hard concrete


3 x M6 + Blastrac			
Grit size 16/20	55.726.020	1	
Grit size 30/40	55.726.040	1	
Grit size 60/80	55.726.080	1	
3 x M8 + Blastrac			
Grit size 16/20	55.728.020	1	
Grit size 30/40	55.728.040	1	
Grit size 60/80	55.728.080	1	

color code: green (HF - Hard Floor) soft bond for hard concrete

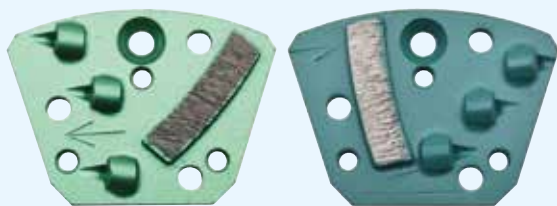

3 x M6 + Blastrac			
Grit size 16/20	55.736.020	1	
Grit size 30/40	55.736.040	1	
Grit size 60/80	55.736.080	1	
3 x M8 + Blastrac			
Grit size 16/20	55.738.020	1	
Grit size 30/40	55.738.040	1	
Grit size 60/80	55.738.080	1	

color code: purple (XHF - Xtreme Hard Floor) super soft bond for extreme hard concrete


3 x M6 + Blastrac			
Grit size 16/20	55.756.020	1	
Grit size 30/40	55.756.040	1	
Grit size 60/80	55.756.080	1	
3 x M8 + Blastrac			
Grit size 16/20	55.758.020	1	
Grit size 30/40	55.758.040	1	
Grit size 60/80	55.758.080	1	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
ZigZag® Diamond Segment   	very aggressive, for the removal of paints and coatings, 2 serrated diamond segments 40x10x5 mm (LxHxW), Mounting: 3 x M6 + Blastrac Grit size 16/20					
	color code: black (SF - Soft Floor) hard bond for soft concrete/screed/ asphalt	55.616.020	1			
	color code: red (MF - Medium Floor) medium bond for medium hard concrete	55.626.020	1			
	color code : green (HF - Hard Floor) soft bond for hard concrete	55.636.020	1			
PCD Split Segment   	very aggressive, for the removal of difficult surfaces like polyurethane, flexible, tough paint, thin adhesives, with PCD- and carbide splitter					
	green 3-5 mm PCD Split for removal of hard thick coatings 3 x M6 + Blastrac	55.806.020	1			
	3 x M8 + Blastrac	55.808.020	1			
	red 1-2 mm PCD Split removal of glue and soft/thin coatings 3 x M6 + Blastrac	55.806.030	1			
	3 x M8 + Blastrac	55.808.030	1			
	black 3-5 mm PCD Split removal of glue 3 x M6 + Blastrac	55.806.040	1			
3 x M8 + Blastrac	55.808.040	1				

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

PCD Segment


highly aggressive, recommended for the removal of difficult surfaces like glue, tile cement and coatings with 3 PCD (4 mm high) segments and one support segment

1/4 PCD rotating right (clockwise) 3 x M6 + Blastrac	55.810.011	1		
rotating left (counter clockwise) 3 x M6 + Blastrac	55.810.611	1		

PCD Segment


very aggressive, for the removal of difficult surfaces such as adhesives, tile adhesives, carpet foam, paints; equipped with 3x1/2 PCD (5 mm high) teeth and a diamond support segment

1/2 PCD rotating right 3 x M6 + Blastrac	55.830.011	1		
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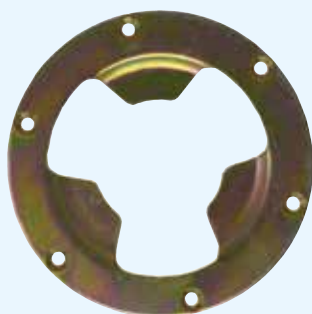
Screws for Diamond Segments


M6	55.766.001	1		
M8	55.768.001	1		

Drive Disc with magnetic coupling


Driving disc with spring-mounted magnetic coupling, optional safety screw for diamond segments (segments not included), suits most single disc machines. For grinding concrete, resin, mortar etc. Please choose the suitable flange adapter below

Ø 406 mm	55.400.100	1		
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Flange adapter

Connection part between single disc machine and driving disc

Columbus	55.401.001	1		
Schwaborn	55.401.002	1		
Sorma	55.401.003	1		
Früh EFS	55.401.004	1		
Numatic	55.401.005	1		
Nilfisk	55.401.006	1		
Numatic	55.401.007	1		
Ghibli	55.401.008	1		

for other machine please contact Multitool

Floor coating

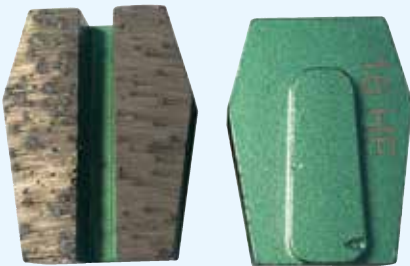
Diamond segment Pentagon

**2 diamond segments height 10 mm
Mounting: trapezoidal e.g. Schwamborn**
Colour code: black (SF - Soft Floor)
 hard bond for soft concrete/screed/
 asphalt

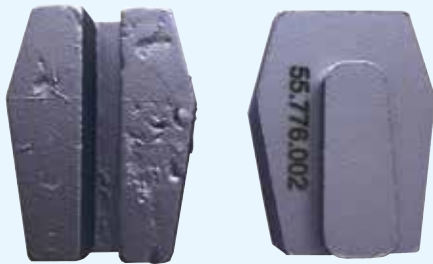
Grit size 16	55.761.016	1	
Grit size 20	55.761.020	1	
Grit size 40	55.761.040	1	


Colour code: red (MF- Medium Floor)
 medium bond for medium hard concrete

Grit size 16	55.763.016	1	
Grit size 20	55.763.020	1	
Grit size 40	55.763.040	1	

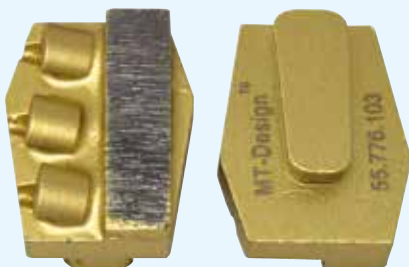

Colour code: green (HF- Hard Floor)
 soft bond for hard concrete

Grit size 16	55.765.016	1	
Grit size 20	55.765.020	1	
Grit size 40	55.765.040	1	

PCD split segment Pentagon

**2 diamond segments height 10 mm, 1-2 mm PCD Split,
Mounting: trapezoidal e.g. Schwamborn**

removal of glue and soft/thin coatings

55.776.002	1	
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PCD Segment Pentagon

**specialy used for difficult substrate e.g. carpet foam, glue,
coatings more then 1 mm; with 3x1/4 PKD tooth (height 4 mm) and one support
diamond segment**
Mounting: trapezoidal e.g. Schwamborn

rotating right (clockwise)	55.776.103	1	
rotating left (counter clockwise)	55.776.203	1	

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

Dust Shroud


for angle grinder, for a connection to the vacuum cleaner;
Quick-clamping system for tool-free assembly;
blue sliding front element allows grinding close to the edge

brush ring spring mounted

Ø125 mm

55.090.125

1

Ø180 mm

55.090.180

1

Replacement brush set

Ø 125 mm

55.091.010

1

Ø180 mm

55.091.180

1

Diamond Grinding Cup MultiDot®


for the removal of paints, sealers and thin coatings, dot height 1,2 mm,
 hole diameter 22,2 mm

Ø125 mm

55.070.125

1

cup height 22 mm

Diamond Grinding Cup Wheel Tornado Standard


suitable for plastic, paints, concrete, segment height 6 mm, Grit size30/40,
 medium bonding, mounting hole diameter 22,2 mm

Ø125 mm

55.057.125

1

cup height 22 mm

Diamond Grinding Cup Wheel Tornado Premium


suitable for plastic, paints, concrete, very aggressive grinding,
 segment height 6,5 mm, Grit size 16/20, medium bonding,
 mounting hole diameter 22,2 mm, Ø150 mm 19 mm

Ø 125 mm

55.052.125

1

cup height 22 mm

Ø 150 mm

55.052.150

1

cup height 20 mm

Ø 180 mm

55.052.180

1






cup height 30 mm

Ø 180 mm

55.052.181

1

cup height 23 mm

Product	Details	RefNr	Sales Unit	€/piece/pair	Sales Unit	€/piece/pair
Diamond Grinding Cup Wheel Swirl® 	for concrete substrates, thermoplastics and plastics, 5 mm segment, Grit size 30/40, medium bond, mounting hole 22,2 mm	Ø 125 mm cup height 22 mm	55.055.125	1		
	Diamond Grinding Cup Wheel BEAST® 	for concrete substrates, thermoplastics and plastics, large suction holes, segment height of 7 mm, grain 16/20, medium bond, bore 22,2 mm	Ø 125 mm cup height 22 mm	55.059.125	1	
Diamond Grinding Cup Wheel Boomerang 		suitable for plastic, paints, concrete, segment height 5 mm, Grit size 35/40, medium bond, mounting hole 22,2 mm, Ø150 mm mounting hole 19 mm	Ø 110 mm cup height 22 mm	55.056.110	1	
	Ø 125 mm cup height 22 mm	55.056.125	1			
	Ø 150 mm cup height 20 mm	55.056.150	1			
	Ø 180 mm cup height 22 mm	55.056.180	1			
	Diamond Grinding Cup Wheel Arrow 	for the removal of coatings on concrete, with several holes for optimal suction, segment height 5mm, Grit size 30/40, medium bond, mounting hole 22,2 mm	Ø125 mm cup height 21 mm	55.041.125	1	
Ø 180 mm cup height 27 mm		55.041.180	1			
Diamond Grinding Cup Wheel MDT Universal 		for concrete substrates, thermoplastics and plastics, large suction holes, segment height of 6 mm, grain 16/20, medium bond, mounting hole 22,2 mm Ø150 mm mounting hole 19 mm	Ø125 mm cup height 22 mm	55.058.125	1	
	Ø 150 mm cup height 20 mm	55.058.150	1			
	Ø 180 mm cup height 22 mm	55.058.180	1			

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Diamond Grinding Cup Wheel ZigZag® 	for quick and easy removal of lacquers and paints, segment height 10 mm, grit 16/20, soft bond, mounting hole 22,2mm Ø 125 mm cup height 22 mm	55.094.125	1			
Diamond Grinding Cup Wheel Economy 	sintered segments, type Duplex, for concrete, segment height 5 mm, Grit size 30/40, medium bond, mounting hole diameter 22,2 mm Ø 125 mm cup height 22 mm	55.008.125	1			
Diamond Grinding Cup Wheel Standard 	laser welded diamond segments, suitable for concrete, segment height 5 mm, Grit size 30/40, medium bond, mounting hole 22,2 mm Ø 125 mm cup height 22 mm Ø 180 mm cup height 26 mm	55.011.125 55.011.180	1 1			
Diamond Grinding Cup Wheel Premium 	laser welded diamond segments, suitable for concrete, segment height 5 mm, Grit size 30/40, medium bond, mounting hole 22,2 mm, Ø150 mounting hole 19 mm Ø 125 mm cup height 22 mm Ø 150 mm cup height 20 mm Ø 180 mm cup height 27 mm	55.021.125 55.021.150 55.021.180	1 1 1			
Diamond Grinding Cup Wheel Screenshot/Asphalt Premium 	type Duplex, laser welded diamond segments, suitable for cement screed and asphalt, segment height 5 mm, Grit size 30/40, hard bond, mounting hole 22,2 mm Ø 125 mm cup height 21 mm Ø 180 mm cup height 27 mm	55.030.125 55.030.180	1 1			

Diamond Grinding Cup Wheel T-Segments


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

for e.g. Protool RGP 130
 Ø130 mm
 cup height 22,5 mm

55.071.130

1

PCD-Grinding Cup Wheel Zyklon® Splitt


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

Ø 125 mm
 cup height 22 mm

55.066.125

1

PCD-Grinding Cup Wheel Zyklon® fine


equipped with 12 fine, 1 mm big polycrystalline diamonds, suitable to remove glue, coatings, paints, coatings (EP, PU, AC) from substrate, cementious self levelling mortar, cement screed and fresh concrete grain size up to 8 mm, mounting hole 22,2 mm, Ø150 mm mounting hole 19 mm

Ø 125 mm 12 PCD
 cup height 21 mm

55.061.125

1

Ø 150 mm 12 PCD
 cup height 20 mm

55.061.150

1

Ø 180 mm 12 PCD
 cup height 31 mm

55.061.180

1

PCD-Grinding Cup Wheel Zyklon® coarse


equipped with 3,2 mm high, 1/4 PolyCristallineDiamonds, suitable to remove glue, coatings, paints, coatings (EP, PU, AC) from substrate, cementious self levelling mortar, cement screed and fresh concrete grain size up to 8 mm, mounting hole 22,2 mm, Ø150 mounting hole 19 mm

Ø 125 mm 6 PCD
 cup height 21 mm

55.062.125

1

Ø 150 mm 6 PCD
 cup height 20 mm

55.062.150

1

Ø 180 mm 9 PCD
 cup height 31 mm

55.062.180

1

PCD-Grinding Cup wheel Zyklon® with support segments


equipped with 3,2 mm high, 1/4 PolyCristallineDiamonds, suitable to remove glue, coatings, paints, coatings (EP, PU, AC) from substrate, cementious self levelling mortar, cement screed and fresh concrete grain size up to 8 mm, mounting hole 22,2 mm

Ø 125 mm 6 PCD
 cup height 21 mm

55.063.125

1

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

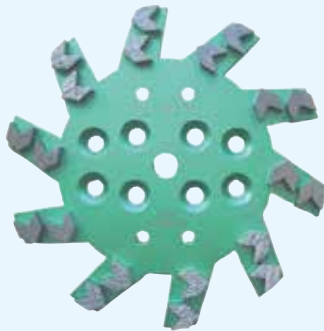
Floor Grinding Disc



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

Colour code: black (SF - Soft Floor) hard bond for soft concrete/screed/ asphalt Grit size 30/40	55.081.251	1		
color code: red (MF - Medium Floor) medium bond for medium hard concrete Grit size 30/40	55.081.252	1		
Colour code: green (HF - Hard Floor) soft bond for hard concrete Grit size 30/40	55.081.253	1		

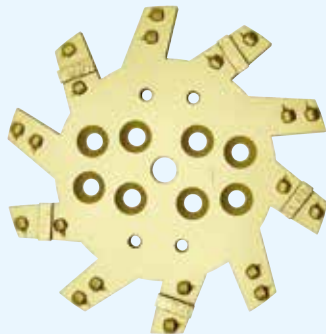
Floor Grinding Disc Arrow



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

Colour code: black (SF - Soft Floor) hard bond for soft concrete/screed/ asphalt Grit size 18/20	55.086.251	1		
color code: red (MF - Medium Floor) medium bond for medium hard concrete Grit size 18/20	55.086.252	1		
Colour code: green (HF - Hard Floor) soft bond for hard concrete Grit size 18/20	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, segment height 4 mm

gold	55.089.251	1		
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V-Grinder



to cut V-shaped joints into floor and walls, segment width 10 mm, segment height 12 mm, mounting hole 22,2 mm

Ø 115 mm	55.053.115	1		
Ø 125 mm	55.053.125	1		
Ø 180 mm	55.053.180	1		
Ø 230 mm	55.053.230	1		

Floor coating

Joint Cleaner



sintered diamond coating, for clearing out joints, only conditionally suitable for making joints in concrete and screed, mounting hole 22,2 mm

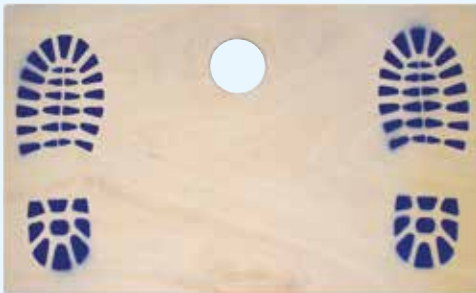
width 6,4 mm Ø 115 mm	55.151.115	1		
width 6,4 mm Ø 125 mm	55.151.125	1		
width 8,0 mm Ø 125 mm	55.251.125	1		
width 10 mm Ø 125 mm	55.351.125	1		
width 9,0 mm Ø 180 mm	55.151.180	1		
width 10 mm Ø 230 mm	55.351.230	1		

Core Drill Ø 57/50



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 - SDS plus length 103 mm, fits core drill item 55.050.001	55.050.101	1		



Drilling template 500 x 300 x 20 mm with hole Ø 57 mm	55.050.230	1		
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Product Details RefNr Sales Unit €piece/pair Sales Unit €piece/pair

Cotton Cleaning Rags



prepared according to DIN 61650, 10 kg
price per pack

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		
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Cleaning Paper Role



blue, 1000 sheet á 36 x 34 cm

3-layers	98.815.035	1		
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Floor coating

Digital Scale 60 kg


supporting platform 35 x 35 cm, weighing range up to 60 kg, up to 30 kg in 5 g steps from 30 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 (6 x 1,5V AA) incl. power pack, without battery, incl. case

with transport case	99.000.160	1		
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Spare parts Digital Scale 60 kg

Display	99.000.162	1		
Display cover	99.000.163	3		
Supporting feet	99.000.165	1		
Display connecting cable	99.000.166	1		
Power connection cable	99.000.168	1		
Transport case	99.000.169	1		

Digital Scale 10 kg


Weighing platform 14 x 16 cm; weighing range up to 10 kg in 2 g steps, TARA Function, Automatic switch-off (at idle), battery powered (6 x 1,5 V AA incl.), optionally power connection cable 99.000.168 also fits

10 kg	99.000.210	1		
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Spoon Balance

Features:

- resolution: 0.1g / 0.005oz
- 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
- 2x AAA battery included

Maximum weight: 500 g / 10.935oz	99.000.310	1		
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2

Protective Equipment



Standards for Fine Dust Masks


Type	Performance	Materials
	(Half/quarter mask)	
P 1 FFP1 R or NR	low performance fine dust up to 4 x WPL 0,1 Vol.-% (1.000 ppm)	For solid hazardous, fibrogenic particles e.g.: textile fibres, marble, sulphur, silicic acid
P 2 FFP2 R or NR	medium performance fine dust up to 10x 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
P 3 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		
FFPx D	every mask which can be used in more than one shift has to be marked with „D“	
Storage = max. 3 years		
FFP = Filtering Face Piece MNP = Mouth Nose Protection		
MAK = Maximum Workplace Concentration		

Respirator Filter

Type	Use	Colour
A	Gases and vapours of organic compounds with boiling point > 65 °C	brown
AX	Gases and vapours of organic compounds with boiling point ≤ 65 °C	brown
B	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide	grey
E	Sulphur dioxide, hydrogen chloride	yellow
K	Ammonia and organic Ammonia derivates	green
NO	Nitrous gases including nitrogen monoxide	blue
Hg	Mercury vapour	red
CO	Carbon monoxide	black
Reaktor	Radioactive iodine including radioactive methyl iodide	orange
SX	Gases and vapours accord. 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 ³ (0,1 Vol.-%)	
Class 2	5.000 ml/m ³ (0,5 Vol.-%).	
Class 3	10.000 ml/m ³ (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 mechanical 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

with solvent resistant latex, fabric back, with knitted cuff, EN 388

Size 10	60.210.010	12	120
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Latex industrial glove

high quality industrial glove with cotton velour coating, excellent feel, very tear resistant, length approx. 30 cm, low allergen and food safe

Size 9	60.620.009	12	144
Size 10	60.620.010	12	144

Latex glove with cotton knitted lining

Chemical protection glove, high wearing comfort, roughened surface, length approx. 30 cm, thickness approx. 1.7 mm, very soft, food safe, EN388, EN ISO 374-1:2016, EN ISO 374-5:2016

Size 10	60.630.010	12	72
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Winter Blocker glove Premium






seamless knitted terry glove, yellow signal color, blue latex coating on palm and fingertip, very good fit, 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, non sterile, rolled edge, pre-powdered, wearable on both sides, box with 100 pcs

L	60.700.009	1	10
XL	60.700.010	1	10

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Nitril Disposable Glove black 	non-sterile, rolled edge, powder free, wearable on both sides, fish scale palm, thickness: approx. 0,26 mm (finger), approx. 0,15 mm (palm), EN ISO 374-1:2016, EN ISO 374-5:2016, box with 50 pcs	L XL XXL	60.705.009 60.705.010 60.705.011	1 1 1	10 10 10	
Stretch glove with nitrile partial coating 	seamless, fine knit glove made of special stretch fabric and with knit cuff. Yellow nitrile coating on the palm, back of the hand partially coated, good fit, EN388	Size 9 Size 10 Size 11	60.400.009 60.400.010 60.400.011	12 12 12	144 144 144	
Nitrile Cotton Glove Economy 	Jersey glove with knitted cuff, yellow nitrile coating on the palm, back of the hand partially coated, good fit, 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	
Nitrile Cotton Glove Premium 	Jersey glove with knitted cuff, yellow nitrile coating on interlock liner, back of hand fully coated, 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	
Nitrile Cotton Glove Fully Coated Knitted Wrist 	Jersey glove with knitted cuff, yellow nitrile coating on interlock liner, back of hand fully coated, 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	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
<p>Epoxy protective glove with nitrile coating</p> 	<p>Jersey glove with cuff, yellow nitrile coating on interlock liner, back of hand fully coated, EN388 CAT2, TÜV-GS tested</p>	Size 10	60.500.010	12	144	
<p>Epoxy protective glove with nitrile coating</p> 	<p>Liquid-tight nitrile glove for high chemical resistance, inside with white nitrile coating and cotton velour coating, anatomically shaped, good tactile sensitivity, high wearing comfort, high mechanical resistance, high resistance against hydrocarbon derivatives, alcohols, aromatic and chlorinated solvents, silicone-free, length approx. 32 cm, considered by German construction professional association (BG Bau) as suitable protective glove against solvent-free epoxy resins, EN388 CAT2 and EN374 CAT3</p>	Size 8	60.604.008	10	100	
		Size 9	60.604.009	10	100	
		Size 10	60.604.010	10	100	
		Size 11	60.604.011	10	100	
<p>Nitrile Stretch Glove Fully Coated</p> 	<p>double layer nitrile coating, upper coating: sanded nitrile, water-repellent, highest dexterity, knitted wrist, EN388</p>	Size 9	60.350.009	12	72	
		Size 10	60.350.010	12	72	
<p>Stretch Nitrile-PU Glove</p> 	<p>seamless knitted gloves, special stretch fabric, grey, special coating, black, partly coated on palm and fingertips, knitted wrist, perfect wearing comfort, perfect dexterity, very slip resistant, water-repellent palm, premium quality, EN 388, STANDARD 100 by OEKO-TEX®</p>	Size 9	60.481.009	12	144	
		Size 10	60.481.010	12	144	
<p>Stretch Nitrile-PU Glove With Nitrile Dots</p> 	<p>seamless knitted gloves, special stretch fabric, grey, special coating with nitrile dots, black, partly coated on palm and fingertips, knitted wrist, perfect wearing comfort, perfect dexterity, very slip resistant, premium quality, EN 388, STANDARD 100 by OEKO-TEX®</p>	Size 9	60.480.009	12	144	
		Size 10	60.480.010	12	144	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Stretch PU Glove 	seamless knitted gloves, special stretch fabric, PU coating, grey, partly coated on palm and fingertips, perfect wearing comfort, knitted wrist, EN 388	Size 9	60.430.009	12	240	
		Size 10	60.430.010	12	240	
		Size 11	60.430.011	12	240	
Stretch Latex Glove 	grey, palm and finger tips with crinkled black latex coating, ultimate grip, knitted wrist, EN 388	Size 9	60.460.009	12	144	
		Size 10	60.460.010	12	144	
		Size 11	60.460.011	12	144	
Stretch Nitrile-PU Glove 	seamless knitted gloves, special stretch fabric, grey, special coating, black (colour code: 1210), partly coated on palm and fingertips, knitted wrist, perfect wearing comfort, perfect dexterity, very slip resistant, premium quality, EN 388, STANDARD 100 by OEKO-TEX®	Size 9	60.470.009	12	144	
		Size 10	60.470.010	12	144	
		Size 11	60.470.011	12	144	
Stretch Nitrile-PU Glove 	seamless knitted glove, palm and back of hand partly coated with micro-foam-nitrile -PU coating, breathable, excellent fit, knitted wrist, EN 388, EN 407	Size 9	60.475.009	12	144	
		Size 10	60.475.010	12	144	
		Size 11	60.475.011	12	144	
Stretch Nitrile Glove liquid-tight 	nitrile coating (violet) over it non-slip micro foam of NBR coating, on palm and fingertips, excellent sense of touch, flexible, knitted wrist, skin friendly and dermatologically tested, Oeko-Tex Standard 100, EN 388, EN 420	Size 9	60.477.009	12	72	
		Size 10	60.477.010	12	72	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Cotton Drill Gloves 	natural grey, strong cotton glove with knitted cuff, good breathability, suitable for simple work, knitted wrist					
	Size 10	60.900.009	12		300	
Cotton Jersey Gloves 	natural grey, ambidextrous, roughened inside					
	Size 10	60.920.010	12		240	
Cotton Tricot Glove With Micro Dots 	white bleached cotton tricot glove, one side with micro dots, very good fitting EN 420					
	Size 10	60.940.010	12		600	
Cotton Jersey Underglove 	naturale white, approx. length 26 cm					
	Size 10	60.960.010	12		600	
Nylon-Cotton Glove Palm With Dots 	seamless knitted glove, very good fitting, knitted wrist, EN 388					
	Size 10	60.950.010	12		240	

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

Cow Leather-Cotton Glove



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

Size 11

60.111.011

12

72

Synthetic leather glove



Alternative to leather glove, as safe Chromate free, cotton back, palm lining, moisture repellent palm, cuff EN 388

Size 10

60.610.010

12

120

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

Moulded Disposable Mask

**for fine non-toxic dusts, fibres and mists, Conforms to EN149:2001+A1:2009
Box with 20 pcs**

FFP1 Class 1 efficiency (>80%) Assigned Protection Factor (APF) of 4 x Nominal Protection Factor (OEL)	92.200.001	20		
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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. Confirms to EN149:2001+A1:2009

FFP1 Class 1 efficiency (>80%) Assigned Protection Factor (APF) of 4 x Nominal Protection Factor (OEL)	92.210.001	10		
FFP2 Class 2, medium efficiency (94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)*	92.210.002	10		
FFP3 Class 3, high efficiency (>99%) Assigned Protection Factor (APF) of 30 x Nominal Protection Factor (OEL)	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 Confirms to EN149:2001+A1:2009

FFP2 Class 2, medium efficiency (>94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)	92.230.002	10		
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Full Face Mask

is a full face twin cartridge mask with Class 3 heavy duty filter connections. The completely clear panoramic visor with anti-mist, anti-scratch design providing impact protection maximises light levels within the mask giving optimum visibility. The mask offers superior comfort with its 5-point suspension harness and quick release buckles, making it easy to adjust. The mask moulds to the shape of the face for an excellent seal, and is also padded for extra comfort over prolonged use. The mask accepts any of the wide range of low profile filters designed for minimal visual impairment. Conforms to: BS EN 136:1998

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

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Half Mask 	<p>The twin cartridge half mask with Typhoon™ valve offers superior low breathing resistance and a 4-point suspension harness with quick release buckles. The mask is made with a durable thermoplastic rubber offering a superior fit to most face shapes. The mask accepts the full range of low profile filters giving the mask the flexibility to be used for many applications, providing filtering protection against particulates, many gases and vapours</p>	combination of cartridge A2 and dust filter P3	92.401.101	1		
Belt Bag for Half Mask 	<p>This robust bag is secured with a wide comfortable strap and string clip. The main compartment allows for the storage of the half-mask item 92.401.101 without the filters attached. Either side of this main compartment are two more compartments suitable for a filter each. This keeps a complete unit safe and clean.</p>		92.401.211	1		
Cartridge for ref. 92.401.101 + 92.401.101 	<p>Cartridge against gases/vapour</p> <p>organic (benzene, xylene, etc.) gases Set of 2 cartridge A2</p>	92.401.002	2	10		
Dust filter set 	<p>Pre-filter P2 +Lid Set for full face- and half mask</p> <p>set of 2 filter with lid price per kit</p>	92.402.012	1	10		
3M Dust Respirator Standard 	<p>3M Cool Flow valve reduces heat build up to offer comfortable protection, particularly in hot and humid conditions. Reliable, effective protection against fine particulates. Durable collapse resistant inner shell. Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, light weight off-the-face design, EN149:2001</p>	FFP2 Class 1, medium efficiency (>80%) Assigned Protection Factor (APF) of 4 x Nominal Protection Factor (OEL)	92.200.104	10		
	FFP2 Class 2, medium efficiency (>94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)	92.200.110	10			

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

3M Dust Respirator Comfort Class



The 3M Cool-Flow valve reduces heat build-up to provide comfortable protection, especially in hot and humid weather. Reliable, effective protection against fine dust. Durable, collapse-resistant inner shell. Excellent fit for a wide range of face sizes due to convex shape, nose clip and dual band construction. Comfortable, lightweight off-the-face design.

FFP1 Class 1, medium efficiency (>80%) Assigned Protection Factor (APF) of 4 x Nominal Protection Factor (OEL)	92.200.204	10		
FFP2 Class 2, medium efficiency (>94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)	92.200.210	10		
FFP3 Class 3, medium efficiency (>99%) Assigned Protection Factor (APF) of 30 x Nominal Protection Factor (OEL)	92.200.231	10		

3M Half mask Respirator Series 6000



Reusable respirators designed for low maintenance and maximum simplicity and comfort, supplied without filters

Size M	92.300.101-M	1		
Size L	92.300.101-L	1		

3M Cartridge



against organic gases/vapours with boiling point >65 °C, for art. No.: 92.300.101

3M Cartridge A1	93.000.001	2		8
3M Cartridge A2	93.000.002	2		8

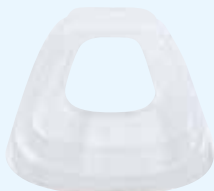
3M Dust Filter



for use on 3M cartridge standard A1/A2 and only usable in combination with 3M Dust Filter Cap item 93.050.001

FFP2 Class 2, medium efficiency (>94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)	93.000.010	2		20
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3M Dust Filter Cap










for use on 3M cartridge standard A1/A2 and only usable in combination with 3M Dust Filter Cap item 93.050.001

	93.050.001	2		
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Protective Equipment

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Hard Cap 	<p>exceed the most recent standards, EN812:1997+2001, Reflective piping on all models adds extra visibility, extra holes in the liner plus the two mesh panels on the outer mean added ventilation, Sizing ranges from 53 cm to 63cm head size, the outer cap is removable and fully washable for hygiene purposes and extended life cycle, with sweat band</p>	80.000.201	1			
Safety Helmet 	<p>6 internal strap support and sweat band, rainwater gutter, prepared for ear and face protection, weight approx. 340 g, according EN812, color:blue</p>	80.000.001	1			
Over Glasses Safety Glasses 	<p>Polycarbonate lens and body offer protection against medium energy high-speed particles at 120 m/s (270 mph), the optical qualities of the lens comply with the requirements of optical class 1, indirect Venting, offers Dust and Liquid Protection. Conforms to EN 166.1.B</p>	80.100.002	1			
Full-Vision Safety Glasses anti mist 	<p>Polycarbonate lens and body offer protection against medium energy high-speed particles at 120 m/s (270 mph), the optical qualities of the lens comply with the requirements of optical class 1, indirect Venting, offers Dust and Liquid Protection. Conforms to EN166:2001, EN 170:2002</p>	80.200.101	1			
Over Glasses Safety Glasses 	<p>eye shield for wide vision and complete protection, moulded nose piece for added comfort side shields, angle-adjustable with cord attachment point, pantoscopic arms, allowing the lens to be tilted for easy fitting over prescription eyewear, extremely light weight, scratch resistant and antistatic, Conforms to EN 166.1.B.3.4.9</p>	80.200.301	1			
Panorama Protection Eye Glasses 	<p>anti-fog and scratch-resistant, anti-static and chemical-resistant polycarbonate lens with length-adjustable temples. Inset nose piece for added comfort. Temples with holes for possible strap attachment. Extremely lightweight, scratch-resistant and antistatic. Complies with standard EN166 1.F.</p>	80.200.002	1			

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Curved Panorama Protection Eye Glasses 	<p>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.N 2C-1,2</p>	80.200.005	1			
Sporty Safety Glasses 	<p>soft flexible nose pad and rubber temple tips ensure comfort fit and reduce slippage, dual curved lens provide uncompromised wide vision and protection blocks 99.9 % of ultraviolet radiation. Sporty modern design. Conforms to EN166.1.F</p>	80.200.008	1			
Sporty Safety Glasses 	<p>latest sports style, ultra lightweight with soft nose bridge make this spectacle very comfortable. Conforms to EN166 1.F.T.K, 2C-1.2</p>	80.200.018	1			
Smoked Safety Glasses 	<p>contour design and flexibility of frame gives a good versatile fit onto both smaller and larger faces extremely light and comfortable, has been tested and approved to EN166 1.F.T protection together with EN170 - UV Ultra Violet ray filters or EN172 - Sun filters for industrial use all lenses provide UV protection (Smoke lens version has UV protection up to 400Nm UV400)</p>	80.200.009	1			
Flexible Safety Glasses 	<p>Sports style side arms to ensure comfortable, secure fit. Enhanced soft rubber for maximum ease of wear, fully flexible enhanced TPU frame is capable of recovering from almost any deformation, world leading inject-binded lens and frame ensure optimum resilience, life span and unbeatable performance, supple frame-casing adjusts exactly to wearers face making them the most comfortable glasses available, HC Lens UV400</p>	80.200.011	1			
Black Spectacle Neck Cord 	<p>standard cord for attachment to all safety spectacles to ensure they are always close to hand</p>	80.200.090	1			
Zipped Rigid Case 	<p>Protective case for storing either safety spectacles or goggles with a zipped lid</p>	80.200.093	1			

Face shield visor



Forehead protection of polypropylene, headband of polyethylene/polypropylene adjustable by means of rotary catch, visor of polycarbonate, thickness 1.1 mm, optical class

	80.299.040	1		
Replacement Visier	80.299.042	1		

Safety Glasses with Filter Professional



FILTERSPEC™PRO goggles are a system combination of eye and respiratory respiratory protection in one. Forget the hassle of pulling respirators back and forth! FILTERSPEC™PRO is today's special solution for comfort and safety!

The full vision goggles:

- Suitable for spectacle wearers!
- Anti-fog and anti-scratch coating
- Lenses made of polycarbonate
- The design of the full vision goggles closes tightly and ensures maximum comfort even when worn for long periods of time
- The wide, soft, elastic and size-adjustable straps allow a firm fit
- Lenses comply with EN 166, mask complies with EN 1827:1999 + A1:2009

The P2 respirator:

- Reusable filter holder (mask is simply replaced after use).
- Lightweight and user-friendly (less than 60 g)
- High efficiency exhalation valve for extra long wearing time
- 3 spare masks included with each system
- Removable and replaceable elastic strap with a simple and practical clip closure

Set consists of 1 goggle and 3 respirators

	92.405.100	1		
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Filterspec Replacement Dust Filter



10 pcs per box. Price per box

FFP2 Class 2, medium efficiency (>94%) Assigned Protection Factor (APF) of 10 x Nominal Protection Factor (OEL)	92.405.002	1		
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Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Ear Protection Capsule Economy 	<p>popular hearing protection, suitable in simple, industrial areas and for outdoor construction sites, weight approx. 160 g, adjustable plastic earpieces, soft sealing cushions; complies with standard EN352-1</p> <p>SNR: 25dB</p>	80.300.001	1			
Ear Protection Capsule Standard 	<p>Quality hearing protection, soft, wide foam pads provide optimum comfort all day long – ideal for long working hours, weight approx. 224 g, complies with standard EN352-1</p> <p>SNR: 27dB</p>	80.300.011	1			
Earplugs 	<p>self-adjusting to minimise pressure on the ear canal and to maximise noise protection, conforms to EN352-2</p> <p>SNR: 36dB</p>	80.300.010	10		100	
Ear Plugs with Cord 	<p>ideal earplug for long-term use, very soft pre-shaped mellen earplug with additional safety cord, in compact box with belt clip, conforms to EN352-2</p> <p>SNR: 30dB</p>	80.300.060	1			
Safety Vest 	<p>100% Polyester, with 2 reflective stripes, with velcro closure, EN 20471:2013 Class 2</p> <p>orange XL 94.050.010 1 XXL 94.050.011 1 neon-yellow XL 94.050.020 1 XXL 94.050.021 1</p>					

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Bag for safety-vest 	100% Polyester					
	orange	94.052.010	1			
	neon-yellow	94.052.020	1			
Eye Rinsing Bottle 	ergonomically shaped eye cup, 3 years shelf life; rinsing time up to 4 min; with protective cap					
	0,9% Na-Solution					
	250 ml	94.000.200	1			
	500 ml	94.000.500	1			
	sterile eye wash phosphate buffered rinsing solution (4,9%), for chemical burn of eyes					
	250 ml	94.000.210	1			
Protective fabric bag 	with Velcro fastener, for eye rinsing bottle item 94.000.200 incl. straps for belts attachment					
		94.001.200	1			
Construction site first aid box 	Solid box made of ABS-plastic with contents according to DIN 13157 and additional equipment for use for construction and civil engineering companies.					
	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



made of plastic for professional use in offices and companies.
 Conforms to the current statutory accident prevention regulations; with wall holder, sealable

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 stick on skin, hair or cloth.

3 cm x 7 m	94.010.501	1		
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Hand cleaner



Special hand cleaner for resin applicators
 Hand Cleaner Ultra on a solvent basis effortlessly removes heavy soiling such as oil paints, varnishes, resins, adhesives, tar, bitumen. Universally applicable in industry, trade and household. Preferred in the resin flooring business.

1 L	98.000.011	1		
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Skin Maintaining Lotion



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

250 ml	98.000.002	1		
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Protective Equipment

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

Cover Foam



protect hand from dirt, reduces sweating in gloves, 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

200 ml	98.000.003	1		
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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		
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Scrubs in a bucket



Pre-moistened towels need no water. Quick, gentle and thorough removal of intensive soiling, such as greases, oils, adhesives, tar, wax, soot, paint, ink, sealants, polyurethane (PU), etc. Once hands have been cleansed, the towels retain more than enough effective cleaning power for tools and equipment.
Napped side removes stubborn soils.
Smooth side for gentle hand cleansing.

72 towels per bucket	98.900.001	1	6	
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Protective Equipment

Skin Protection Plan			
	When?	Which ?	How?
Skin Protection	> before work	Multitool Cover Foam Art. 98.000.003	– apply smooth and even on dry, clean skin – don't forget skin under your fingernail and between the finger – let it absorb
Skin Cleaning	> if required > before using skin care products	Multitool Handcleanser Art. Nr.: 98.000.001	– use carefully and sparingly – dry hands thoroughly – use skin care products afterwards
Skin Care	> before break > at work end > if required	Multitool Skin Maintaining Art. 98.000.002	– apply smooth and even on dry, clean skin – don't forget skin under your fingernail and between the finger – let it absorb

Performance Level

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. EN 14404

performance level 0	80.400.011	1		
performance level 2	80.400.010	1		
replacement strap, set	80.400.110	1		

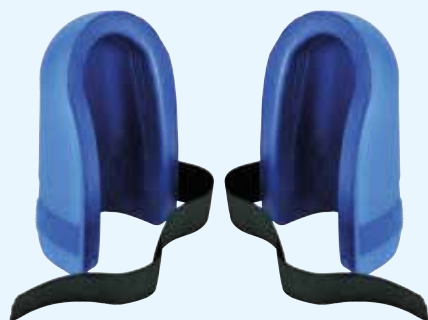
Knee Pad yellow



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

performance level 0	80.400.002	1		
replacement strap, set	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		
Replacement strap set velcro	80.405.110	1		

Knee Pad bellows



made of PUR, certified according to EN 14404, the folding bag prevents material from penetrating over the protector, with ergonomic shaped cushions, box shape

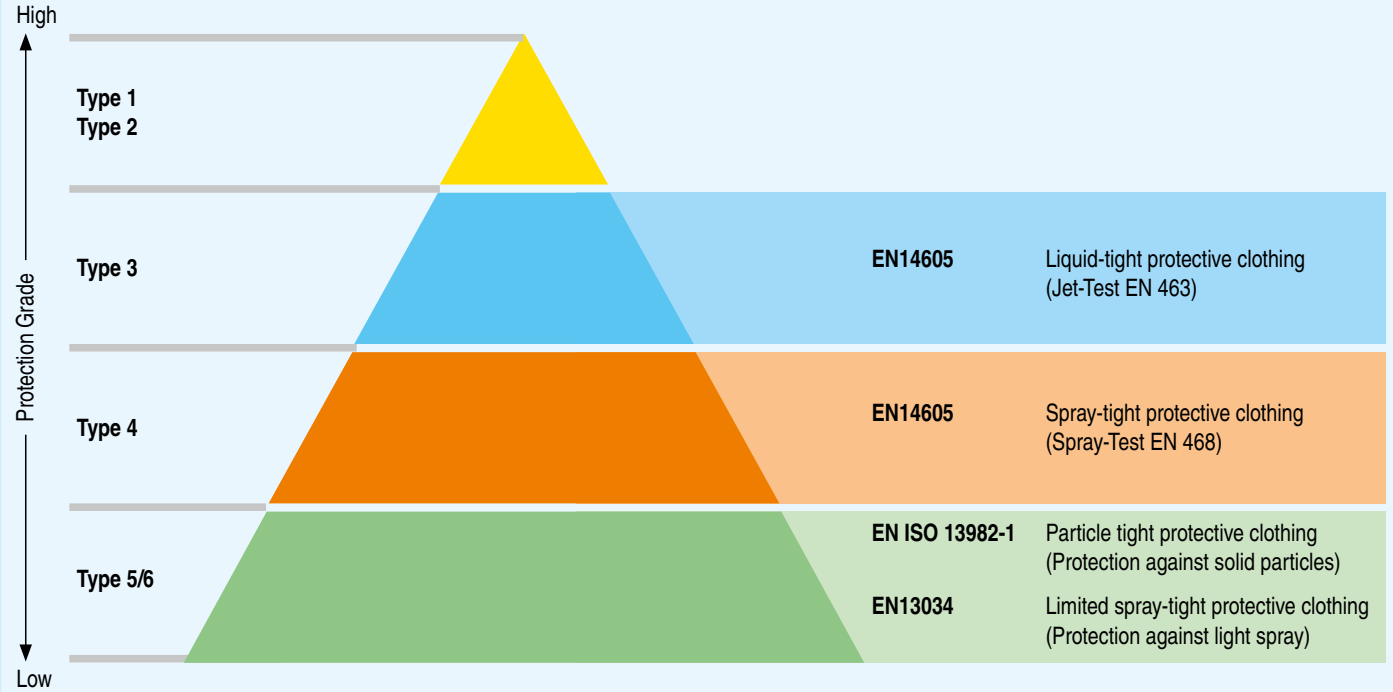
performance level 2	80.415.002	1		
Replacement strap	80.400.100	1		

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Knee Pad bellows 	<p>made of PUR, certified according to EN 14404, the folding bag prevents material from penetrating over the protector, with ergonomic shaped cushions, rounded shape</p> <p>performance level 0</p>	80.412.005	1			
Hard Cap Knee Pad 	<p>with 15 mm thick cellular rubber, certified according to EN 14404, cushion and elastic, 4 cm wide straps. For uneven and rugged surfaces</p> <p>performance level 2</p>	80.420.015	1			
Hard Cap Knee Pad with Hinge 	<p>Joint shape adapted to the knee with two movable hard shells made of polyethylene, certified according to EN 14404, soft inner padding made of cellular rubber, with non-slip profile</p> <p>performance level 2</p> <p>Attachment Button</p> <p>Replacement strap (set of 2 pcs)</p>	80.420.001 80.420.006 80.420.005	1 1 1			
Gel Knee Pad 	<p>with flexible „non marking“ cap, EN14404 certified, elastic one strap hold, Padding filled with elastic gel</p> <p>performance level 1</p>	80.430.001	1			
Knee Protector 	<p>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.</p> <p>performance level 1</p> <p>replacement strap, set</p>	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, 40 g/m²



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

Protective Equipment

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

PE Overall Type 5 & 6



antistatic (EN 1149-1), white, with cowl, elastic cuffs, ankles and waist, CE CAT III, 65 g/m²

XL	90.050.XL	1		
XXL	90.050.XXL	1		

PE Overall, made of white polypropylene fleece, microporous laminated, Type 4,5 & 6



Overall, spray-tight (type 4), particle-tight (type 5), limited splash-tight (type 6), antistatic (EN 1149-1), three-part hood, three-part leg gusset, double zip cover, arm, leg and waist rubber, CE CAT III , 110 g / m²

L	90.055.L	1		
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 & 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	

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
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/m², 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. 60 µm (price per pcs) up to shoe length 32 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 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 37 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

Cushion for Chaps



replaceable pads made of 2 cm thick oversized cellular rubber.
Can be cut to fit standard knee pockets, conforms to EN 14404

price per pair

90.250.010

1

3

Testing and Measuring



Surface regularity acc. BS8204 Part 1 and Part2
Table 2 – Classification of surface regularity for finished wearing surfaces

Class	Maximum permissible departure from a 2 m straight-edge resting in contact with the floor (see Annex A) mm	Application
Special	n.a. ^a	Specific use for higher degree of accuracy of level
SR1	3	High standard: for commercial and industrial buildings
SR2	5	Normal standard: for commercial and industrial buildings
SR3	10	Utility standard: for other floors, where surface regularity is less critical

^a Alternative methods of assessment are described in Concrete Society Technical Report No. 34 [3].

Table 5 – Classification of surface regularity of direct finished base slab or levelling screed

Class	Maximum permissible departure from the underside of a 2 m straightedge resting in contact with the floor (see Annex C) mm
SR1	3
SR2	5
SR3	10

Measuring the Floor Flatness acc. Straight Edge Test

Surface regularity can be checked with the use of a straight edge.

This method of testing is described in both BS 8204-Part 1:2003 and BS 8204-Part 2:2003.

A 2m straight edge is used in both specifications.

It should be noted that both British standards state that:

„Where the straight edge basis for specification is used it is advisable for the various interested parties in a contract to agree the sampling rate for testing the floor to check conformity, and the procedures to adopt if conformity is not achieved, before the floor is constructed. Such agreement should include the number of positions where the straight edge will be placed to check conformity“

If the rate of testing is not known, then we would recommend the following formula to calculate the minimum number of straight edge tests.

Floor area M²/20 = Minimum number of straight edge tests.


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).

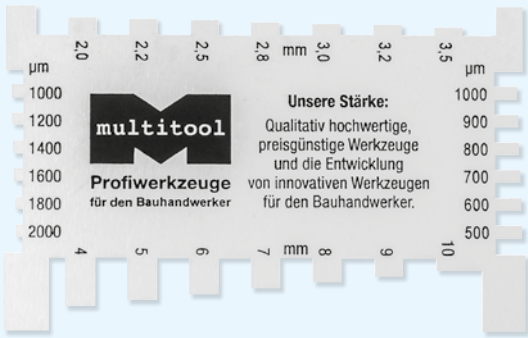
The measurement of the diameter *d* in cm results in the average peak-to-valley height *R* in mm.

Volumen V 25 cm ³ (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

Volumen V 50 cm ³ (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

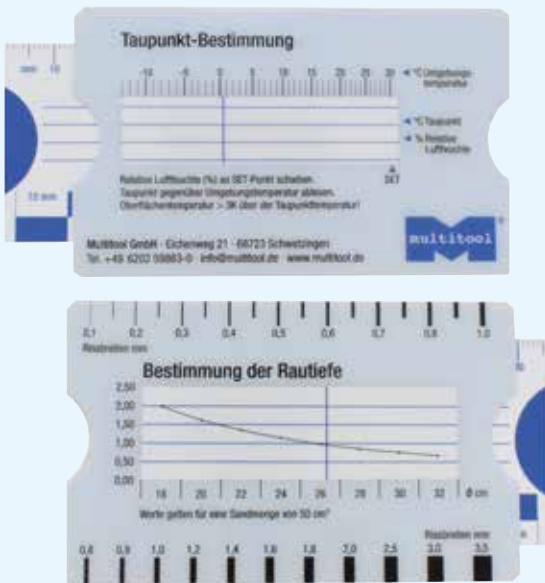
Thickness Gauge



- Durable and reusable, made of anodised aluminium
- Various thicknesses on one (26 teeth) comb
- Measuring range up to 10 mm
- Usable in accordance with ISO 2808-7b, BS3900-C5 Method 7B and ASTM D4414-A

Measuring range from 0,5 up to 10 mm	99.001.001	1		
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Roughness / dew point measuring template



the template shows the roughness depth or the dew point via 2 different curves

	99.005.001	1		
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Folding Rule



2 m, wood	40.200.001	1		
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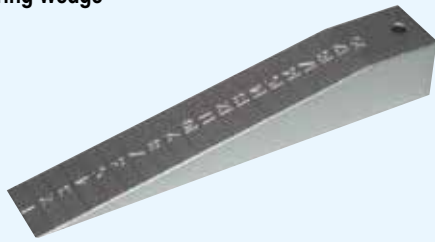
Vernier Caliper digital



display shows mm or inch				
150 mm	31.400.003	1		

Product	Details	RefNr	Sales Unit	€piece/pair	Sales Unit	€piece/pair
Steel Measuring Tape 	steel 50 m	40.200.050	1			
Odometer 	<p>The Odometer measurements up to 9,999.9 metres. Long measurements can be carried out comfortably and without bending down by a single person with this distance measuring wheel. The robust construction makes this distance measuring wheel insensitive to bad weather and other environmental influences. The wheel automatically measures up to 9,999.9 metres high and allows both forward and backward measurements.</p> <ul style="list-style-type: none"> - foldable handle - telescopic handle - forward movement adds, backward movement subtracts - reset lever for zeroing the meter - easy to read digits - 7 mm high - retractable parking stand <p>Technical specification Measuring range 9,999.9 m accuracy $\pm 1\%$ resolution 1 cm Wheel diameter 318.5 mm (circumference 1 m) Wheel type plastic Housing ABS plastic Weight 1500 g</p> <p>Containing Road measuring wheel, operating instructions, carrying bag</p>	85.200.100	1			
Laser Rangefinder 	<p>with lot of functions: addition / subtraction / area computation/ volume computation / Pythagoras functions, for quick, easy and safe measurement</p>	100 m	85.200.151	1		
Level 	<p>made of aluminium, silver anodised, measuring accuracy 0.5 mm/m</p>	40 cm 60 cm 80 cm 100 cm 180 cm 200 cm	40.225.040 40.225.060 40.225.080 40.225.100 40.225.180 40.225.200	1 1 1 1 1 1		

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

Measuring Wedge

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

Measuring range 1 - 20 mm	40.270.020	1		
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Measuring Cup

made of polypropylene, open handle, stackable, scale blue, raised imprint

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	40.600.005	1		2

Mixing Cup

made from polypropylene, incl. black measuring scale

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

ESD floor tester

ESD basic device 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: DC voltage 10 V, 100 V, 500 V

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

High resistance rang: 1 kOhm bis 1,2 TOhm

Operating mod: 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		
ESD cable drum Length 50 m	85.510.007	1		

Digital Scale 60 kg


supporting platform 35 x 35 cm, weighing range up to 60 kg, up to 30 kg in 5 g steps from 30 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 (6 x 1,5V AA) incl. power pack, without battery, incl. case

with transport case

99.000.160 1

Spare parts Digital Scale 60 kg

Display

99.000.162 1

Display cover

99.000.163 3

Supporting feet

99.000.165 1

Display connecting cable

99.000.166 1

Power connection cable

99.000.168 1

Transport case

99.000.169 1

Digital Scale 10 kg


Weighing platform 14 x 16 cm; weighing range up to 10 kg in 2 g steps, TARA Function, Automatic switch-off (at idle), battery powered (6 x 1,5 V AA incl.), optionally power connection cable 99.000.168 also fits

10 kg

99.000.210 1

Spoon Balance

Features:

- resolution: 0.1g / 0.005oz
- 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
- 2x AAA battery included

Maximum weight: 500 g / 10.935 oz

99.000.310 1

Pyrometer


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. ±4 °C (-30 °C ... 0 °C) ±2% or ±2 °C (0 °C ... +330 °C)
Measuring point size	8 : 1
Emission ratio	(permanently set) 0,95
LC Display	yes
Response time	< 1 s
Power Supply	9 V bloc battery
Dimensions	82 x 41,5 x 160 mm
Weight	ca. 180 g

Delivery content

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

85.700.010

1

Psychrometer MT-Professional


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 Data:

Temperature range	-50 bis +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 Grad Celsius
Power supply	2 x AA 1,5 V (incl.)
Dimensions	145 x 79 x 27 mm

Monochrome graphic display with backlight, resolution 128 x 64 pixels
 Multilingual menu
 Automatic dew point calculation
 Automatic switch off
 Calibration certificate

85.100.330

1

Thermo Hygrometer Economy



this thermo-hygrometer is designed for a quick measurement of air humidity and temperature. The thermo-hygrometer 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 % r.F. 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

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 % RH / -40 ... +105 °C
Accuracy	±3 % RH / ±1 °C
Resolution	0,1 % RH / 0,1 °C
Sensor	internal (humidity and temperature)
Memory capacity	max. 32.000 values
Measuring intervall	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 or free position (e.g. table)
Operating range	- 40 ...+70 °C / 0 ... 100 % RH
Case	ABS-Plastic
Software	min Windows XP (auch 64 Bit)
Dimension	102 x 30 mm
Weight	25 g

85.100.344

1

Electronic moisture meter Tramex CME5


is a non-destructive meter for measuring moisture content instantly in concrete slabs per ASTM F2659, featuring Carbide Method equivalent scales for concrete and anhydrite screeds. Easy-to-use, giving precise and repeatable results, the Concrete Moisture Encounter allows the user to make multiple tests over a large area in the shortest possible time.

Characteristics

- Dimensions 163 x 85 x 43 mm
- Power supply 2 X 1.5V AA battery (incl.)
- Data transmission Bluetooth (mobile app available)
- Clear and easy to read analogue display. Moisture readings equivalent to the CM carbide method.
- No probing, drilling or mechanical damage to the surface necessary.
- Fast and accurate readings to a depth of approximately 20 mm (¾") in the slab.
- Non-destructive in operation.
- Hold function „freezes“ reading when measuring surfaces where the top of the instrument is not visible and for easy data collection.
- Reproducible results. Spring-loaded contact pins compensate for unevenness and increase signal penetration.

85.100.420	1		
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Moisture Meter MT-D4


the MT-D4 measuring device is designed for use in moisture measurements on 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 (incl.)
- 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	1		
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Concrete 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	2 x 1,5 V AA batteries (incl) Average life 20 hours (with new batteries)
Display:	monochrome, with 128 x 63 pixel resolution and backlight Adjustable display orientation
Operating temperature	5°C up to 40°C

Measurement scales 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 absorbency 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 [weigh %]	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

Substrate Roughness Determination Set



for determining the roughness depth according to German ZTV Ing - Part1, Section 3 and determining the consumption of primer resin. Set includes form B1.3.3. and enables the user to determine and document the roughness depth according to the standard.

Contents:

- 1 x ruler
- 1 x measuring cup
- 1 x rubbing stamp
- 1 x measuring template
- 12 x standard sand
- 10 x Form sheet

for 12 measurements

85.100.141

1

CM measuring set according DIN 18560-4 Set



CM measuring set according DIN 18560-4 Set consisting of:

- pressure bottle with lid and manometer
- 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



Accessories CM-Tester

- 100 calcium carbide vials for CM measurement unit price per 100 pcs
- CM Stainless Steel Balls
- Test medium for CM manometer (10 ampoules)

85.100.251	1		
85.100.254	1		
85.100.252	1		

Concrete Testing Hammer



according to the Schmidt measuring principle.

The concrete tester is always delivered factory calibrated when ordered, but can also be optionally (at an extra charge) laboratory calibrated and equipped with an ISO test certificate.

- Simplest operation
- Conversion table on the back of the unit
- Correction aids for the measurement results in the operating instructions
- ISO calibration certificate optionally available

Technical specification

Measuring range	100 ... 600 kg/cm ² (~9,81 ... 58,9 N/mm ²)
Accuracy	18 kg/cm ² (~±1,8 N/cm ²)
Impact energy	2207 J
Measuring display on scale	0 ... 100 (dimensionless)
Scale for strength	to convert the dimensionless values on the back, display in kg/cm ² (with angle indication)
Correction table	in the operating instructions
Dimension	Ø 66 x 280 mm
Weight	1 kg

Scope of delivery

Concrete test hammer, emery stone for surface preparation, carrying case

85.300.225	1		
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Pull Off Tester automatic


with 4x 50 mm stamp according to ASTM C1583 and ZTV-Ing for concrete, screed (class 1 according to DIN 51220 and DIN EN 1542);
 The adhesion tester uses hydraulic pressure to measure the force required to detach a specified test area of a coating from the substrate. The pressure is automatically built up by an electronically controlled hydraulic pump and displayed on the large touch screen.

User-dependent sources of error are eliminated by the automatic system.

- Suitable for laboratory and construction site, as it is robust, handy and battery-operated.
- Bluetooth connection to the smartphone app (IOS & Android), USB connection and WiFi for data transfer and storage of fracture images.
- Measurement memory for 100,000 measurements in up to 1,000 blocks
- User selectable pull rate, pull limit and pull hold time
- Automatic test execution
- Continuous force increase by means of electronically controlled pump
- Selectable units: MPa, psi, N/mm², N
- Measuring range: 0 – 3.8 MPa (referred to 50 mm dolly)
- Test stamp diameter: 50 mm (concrete test stamp)
- 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 touch screen is scratch and impact resistant
- Protection class IP65
- Redundant operation: In addition to the touch screen, there are 4 buttons for operation, e.g. with gloves.

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

Technical data

Measuring range	0 ... 20 MPa (=N/mm ²)
Resolution	0,01 MPa (1 psi)
Accuracy	±1 % (full measuring range)
Power	supply and battery
Dimensions	40 x 20 x 15 cm
Weight	5,5 kg

Scope of delivery

1 x adhesion tester, 4 pcs. steel measuring heads (diam. 50 mm), 1 x abrasion pad, 1 x 2 comp. adhesive (to stick the measuring heads on the material surface to be tested), 1 set of cleaning pads, 1 x cutting tool, 1 x rechargeable battery, 1 x charging power supply, 1 x carrying case, 1 x calibration certificate, 1 x USB cable, 1 x carrying strap, 1 x operating instructions

85.400.101	1		
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Accessories Pull Off Tester


Stamp acc. ZTV-ING Ø 50 mm
 (Set with 2 pcs) 85.400.255 1

Special ep glue MR 1:1
 Pot life 4-5 min, mixing ratio 1:1,
 - 200 g 2 komp. glue for measure heads 85.400.291 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

Drill and Adapteur see page 114

85.400.255	1		
85.400.291	1		
85.400.290	1		

4

Injection



Notice

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

Injector Steel

galvanized steel, two parts with unscrewable clamping nut M6

HK: high pressure round nipple (Standard)

HF: high pressure pan nipple

NK: low pressure round nipple

NF: low pressure pan nipple



Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Ø 8x85 mm	00.008.085HK	100		500		1000	
	00.008.085HF	100		500		1000	
Ø 10x85 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 10x110 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 13x85 mm	00.013.085HK	100		500		1000	
	00.013.085NK	100		500		1000	
Ø 13x110 mm	00.013.110HK	100		500		1000	
	00.013.110NK	100		500		1000	
	00.013.110HF	100		500		1000	
	00.013.110NF	100		500		1000	

1-day steel packer



special retaining spring,
38 mm remain in construction

Ø 13x120 mm	00.013.115HK	100		500		1000	
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Adhesive Packer Ø 50 mm



height 45 mm



HP round head nipple M6	00.045.039HK	100		500		1000	
Pan head nipple M6	00.045.039HF	100		500		1000	

Sticking Template



Tool to hold adhesive packer to apply the adhesive (insulating material, e.g. EP adhesive or PUR adhesive) The exactly required amount of adhesive (approx. 6g) is applied on the adhered. Access to the crack is maintained

	00.046.010	1					
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Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Lamella drive-in polymer packer Standard 	with moulded round head nipple, check valve, mounting tool Ø 8 mm							
	Ø 12 x 80 mm	00.112.180	100		500		1000	
	Ø 14 x 80 mm	00.114.180	100		500		1000	
Lamella drive-in polymer packer Premium 	with HP round head nipple, assembled, mounting tool Ø 12 mm							
	Ø 10 x 80 mm	00.110.080HK	100		500		1000	
	Ø 12 x 80 mm	00.112.080HK	100		500		1000	
One day lamella drive-in polymer packer Premium 	with HP round head nipple, check valve, mounting tool Ø 8 mm							
	Ø 10 x 80 mm	00.210.080HK	100		500		1000	
Mounting tool 	for polymer packers							
	130 mm long							
	Ø 8 mm	00.180.102	1					
	Ø 12 mm	00.180.002	1					
Injektion Mouthpiece 	to inject low viskose resin in hollows							
	Ø 1,4 mm	00.200.014	1					

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

Round head nipple


High pressure nipple
(Opening pressure 15-20 bar)
M6

00.300.101 100 500 1000

Low pressure nipple
(Opening pressure 1,5-3 bar)
M6

00.300.102 100 500 1000

Pan head nipple

Ø 16 mm Kopf

High pressure nipple
(Opening pressure 15-20 bar)
M6

00.300.201 100 500 1000

Grip Coupling


for round head nipple
with non-return valve

00.400.101 1 10 20

00.400.105 1 10 20

Slide Coupling

for Ø16 mm pan head

lateral

00.400.201 1 10 50

Product	Details	RefNr	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair	Sales Unit	€ piece/pair
Hose	external thread M10x1 on both ends							
	Ø 8x300 mm	00.400.501	1	5	10			
	Ø 8x500 mm	00.400.502	1	5	10			
	Ø 8x1000 mm	00.400.510	1	5	10			
Nozzle tubes	M10x1 thread, without mouth piece, 140 mm							
	bent	00.410.140	1					
	straight	00.411.140	1					
Grease Gun without pressure gauge	with extra long zinc-plated steel barrel for 1,000 ccm bulk grease operating pressure 400 bar / 5,800 PSI barrel version made of zinc-plated steel Ø 56 mm connection thread M 10 x 1							
	550 ccm	00.912.602	1	5	10			
	1100 ccm	00.912.601	1	5	10			
Grease Gun with pressure gauge	grease gun for the exact control of the operating pressure in order to protect pressure-sensitive components, bearings and gaskets operating pressure 400 bar / 5,800 PSI barrel version made of zinc-plated steel Ø 56 mm connection thread M 10 x 1							
	550 ccm	00.915.500	1					
	1100 ccm	00.915.110	1					
Reciprocating Pump	Pressure control with return and pressure gauge unit with manometer 0 - 250 bar, 3 m HP material hose Ø 6 mm, HP ball valve with mouth piece, 2 litre material container, incl. motor (drill)							
		00.930.002	1					

Billing Address

Delivery Address

Company: _____

Company: _____

City: _____

City: _____

Street: _____

Street: _____

Phone: _____

Phone: _____

Name: _____

Name: _____

Date: _____

Date: _____

Cost centre / building project: _____

POS	Item No.	Item	Unit	Price
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Billing Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

Delivery Address

Company: _____

City: _____

Street: _____

Phone: _____

Name: _____

Date: _____

Cost centre / building project: _____

POS	Item No.	Item	Unit	Price
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Billing Address

Delivery Address

Company: _____

Company: _____

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Phone: _____

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Cost centre / building project: _____

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Billing Address

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Delivery Address

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Cost centre / building project: _____

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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. 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 § 17 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 § 17 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

Eichenweg 21
68723 Schwetzingen
Phone: +49 6202 59863-0
Fax: +49 6202 59863-10
E-mail: 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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