

**INJECTION MOLDING
TECHNOLOGY
FOR THE CONSTRUCTION INDUSTRY**



Table of Contents

About us and our products	4
Service, customization options & product development	6
Tile spacers Premium	8
Tile spacers Standard	10
T-Spacers	12
Reusable tile spacers with bracket	14
Reusable tile spacers with spigot	16
Tile wedges	18
Outdoor slap cross spacers Standard	20
Outdoor slap cross spacers with expulsion protection	22
Outdoor slap T spacers with expulsion protection	24
GAPdisc	26
Fli-Pro	28
Plastic trowels, trowel bodies and blades	30
Plastic mini trowels	32
Fine plaster scrapers	33
Surface spatulas	34
Notched spatulas	35

Injection molding technology for the construction industry

Alfred Kratz Kunststoffprodukte GmbH has been an innovative and reliable partner for commercial customers and tool manufacturers since 1993.

Our products

Our product range includes tile spacers of different kinds, spatulas, decorative plaster scrapers as well as surface trowels, notched trowels, but also tool parts such as handles for hand tools and plastic trowels in various designs.

innovative products such as the Fli-Pro or the GAP disc complete our product range.

High Quality Tools

- 100% Made in Germany



Individual products

Many parts of our standard product range, such as plastic trowels or tool handles, can be customized and therefore be seamlessly integrated into your existing product portfolio.

You can customize design, material, size and color of the individual components.

In addition, logos or writing can be attached to certain parts if desired.



*We transfer
your ideas
in a concept suitable
for injection moulding*

We support you in designing and developing your plastic elements, assemblies or complete plastic products.

In doing so, we think through your product from the point of view of injection molding production and contribute valuable ideas for highly efficient and economical end products.

Visit our homepage for more information.



Products in individual OPP-bags

Small products such as tile spacers, tile wedges, outdoor slap spacers, but also spatulas are available in bulk or in OPP bags.

The bags can be printed in black on different colored foil or have a multicolored label.

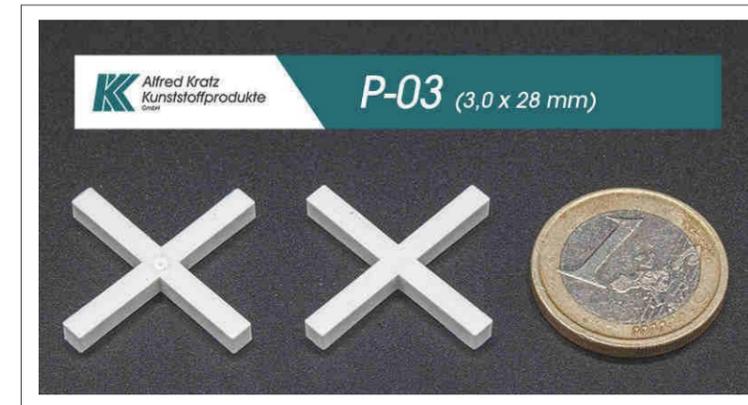
Products and packaging are 100% recyclable.



Tile spacers Premium

Full version - for the exact alignment of the tiles

Tile spacers are placed between the tiles and guarantee an even joint width. All parts are made from environmentally friendly polyethylene (PE) using at least 50% recycled material. Product and packaging are 100% recyclable.



Tile spacers Premium

Art-No.	Version	joint width in mm	length in mm	standard VE pcs.	OPP bags			Carton		
					length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
P-01	Premium	1	25	250	180	140	30,4	150	5,56	1050
P-15	Premium	1,5	28	250	200	140	63,4	130	9,24	1040
P-02	Premium	2	28	250	200	140	73,4	125	10,18	1000
P-25	Premium	2,5	28	250	200	140	89,6	125	12,20	1000
P-03	Premium	3	28	250	220	140	106,3	100	11,63	1000
P-04	Premium	4	28	250	220	140	138,8	100	14,88	1000
P-05	Premium	5	28	200	250	140	151,7	75	12,38	1050
P-06	Premium	6	28	200	270	140	166,2	65	11,80	1040
P-08	Premium	8	28	200	300	140	230,9	50	12,55	1000



Tile spacers Standard

Short or holloe version - better tile guidance

Tile spacers are placed between the tiles and guarantee an even joint width. All parts are made from environmentally friendly polyethylene (PE) using at least 50% recycled material. Product and packaging are 100% recyclable.



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Tile spacers Standard

Art-No.	Version	joint width in mm	length in mm	standard VE pcs.	OPP bags			Carton		
					length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
S-02	Standard	2,0	18	250	180	140	46,6	250	12,7	1000
S-25	Standard	2,5	18	250	180	140	51,6	250	13,9	1000
S-03	Standard	3,0	18	250	190	140	66,9	200	14,4	1000
S-04	Standard	4,0	28	250	215	140	84,1	90	8,6	1080
S-05	Standard	5,0	28	200	230	140	87,1	75	7,5	1050
S-06	Standard	6,0	28	200	230	140	90,3	65	6,9	1040
S-07	Standard	7,0	28	200	230	140	125,3	60	8,5	1020
S-08	Standard	8,0	28	200	280	140	200,4	50	11,0	1000
S-10	Standard	10,0	28	200	310	140	197,2	45	9,9	1035



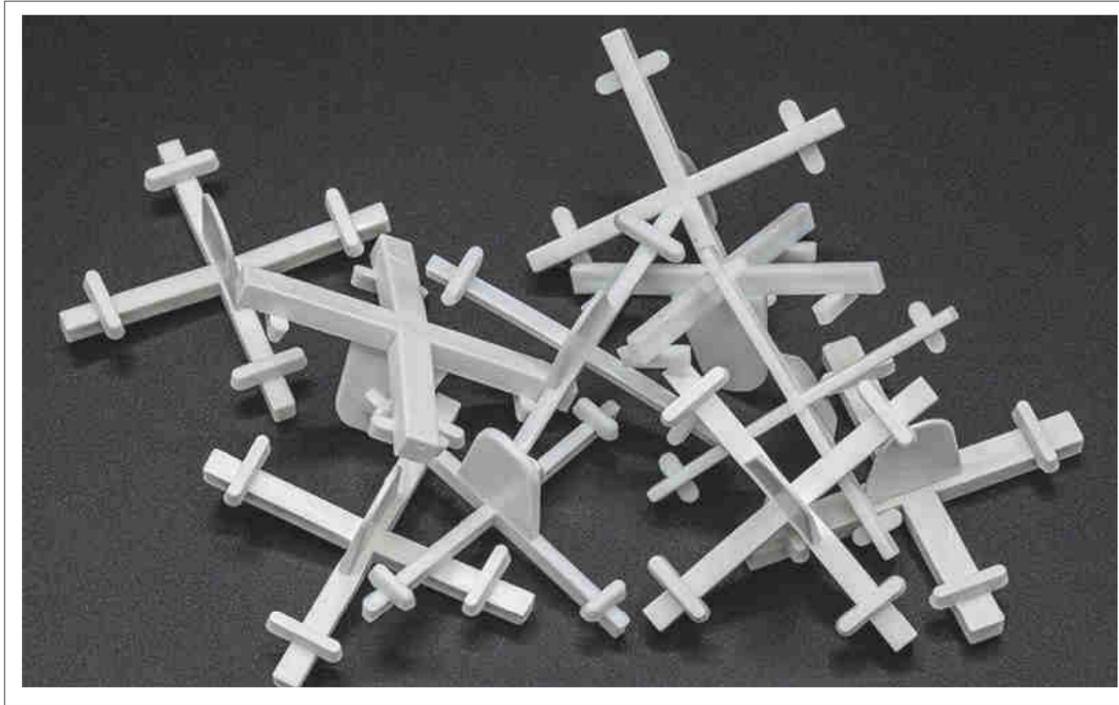
T Spacers

for laying wall and floor tiles with offset joints

T spacers are placed between the tiles and guarantee an even joint width. All parts are made from environmentally friendly polyethylene (PE) using at least 50% recycled material. Product and packaging are 100% recyclable.



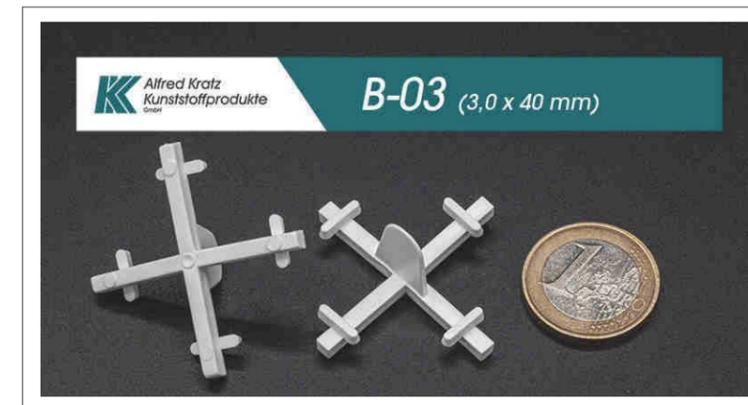
T Spacers					OPP bags			Carton		
Art-No.	Version	joint width in mm	length in mm	standard VE pcs.	length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
T-04	T Spacer	4,0	28	200	180	140	98,2	120	12,8	1080
T-05	T Spacer	5,0	28	200	230	140	149,1	100	15,9	1000
T-06	T Spacer	6,0	28	200	230	140	163,5	75	13,3	1050
T-08	T Spacer	8,0	30	200	240	140	173,5	60	11,4	1020
T-10	T Spacer	10,0	34	200	240	140	183,5	45	9,3	1035



Tile spacers reusable

reusable - inexpensive and environmentally friendly

Tile spacers are placed between the tiles and guarantee an even joint width. All parts are made from environmentally friendly polyethylene (PE) using at least 50% recycled material. Product and packaging are 100% recyclable.

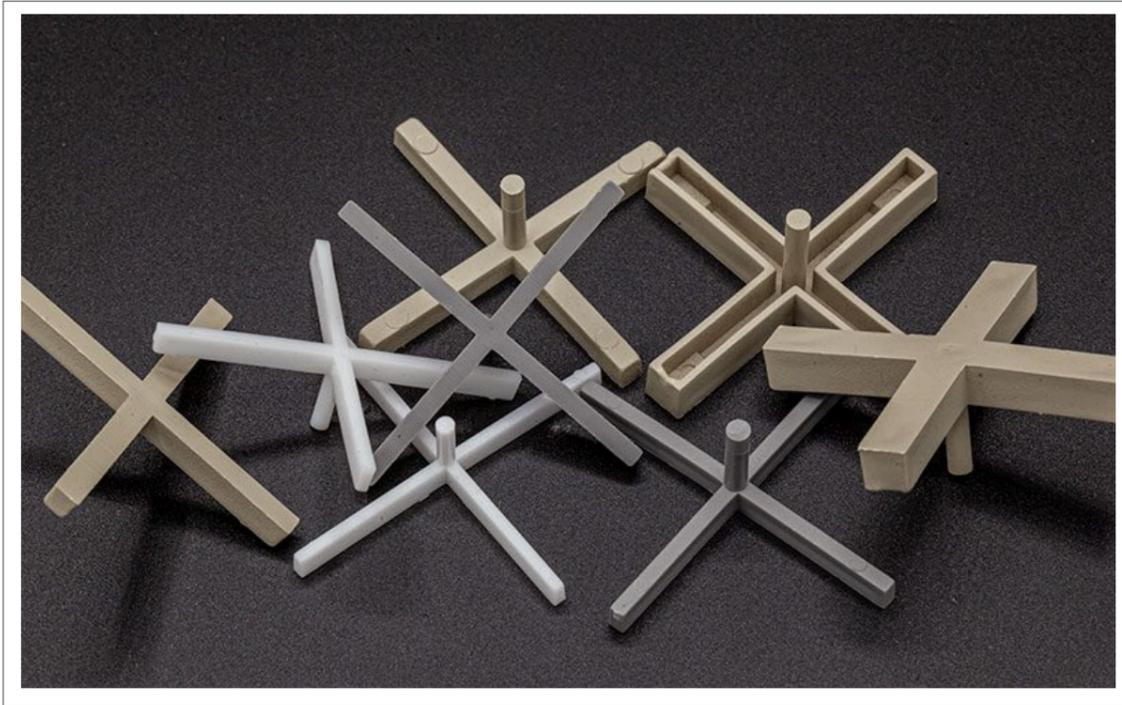


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Tile spacers reusable with bracket

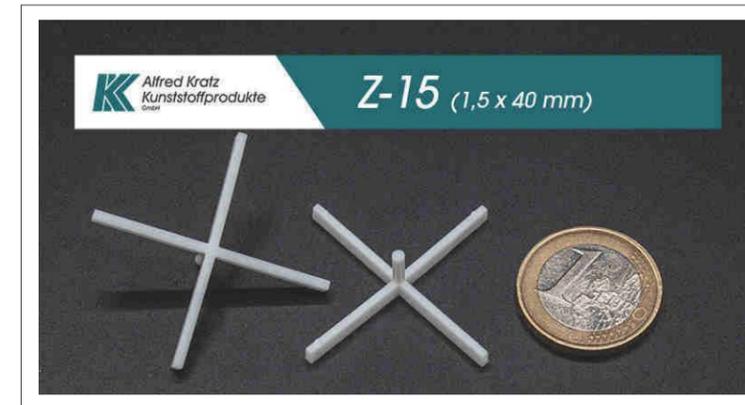
Art-No.	Version	joint width in mm	length in mm	standard VE pcs.	OPP bags			Carton		
					length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
B-15	bracket	1,5	40	100	250	140	60,8	75	5,6	300
B-02	bracket	2,0	40	100	250	140	69,2	75	6,2	300
B-25	bracket	2,5	40	100	255	140	83,9	50	5,2	300
B-03	bracket	3,0	40	100	255	140	94,3	60	6,7	300
B-04	bracket	4,0	40	100	220	140	116,2	60	8,0	300
B-05	bracket	5,0	40	100	320	140	124,4	30	4,7	300



Tile spacers reusable

reusable - inexpensive and environmentally friendly

Tile spacers are placed between the tiles and guarantee an even joint width. All parts are made from environmentally friendly polyethylene (PE) using at least 50% recycled material. Product and packaging are 100% recyclable.



Tile spacers reusable with spigot

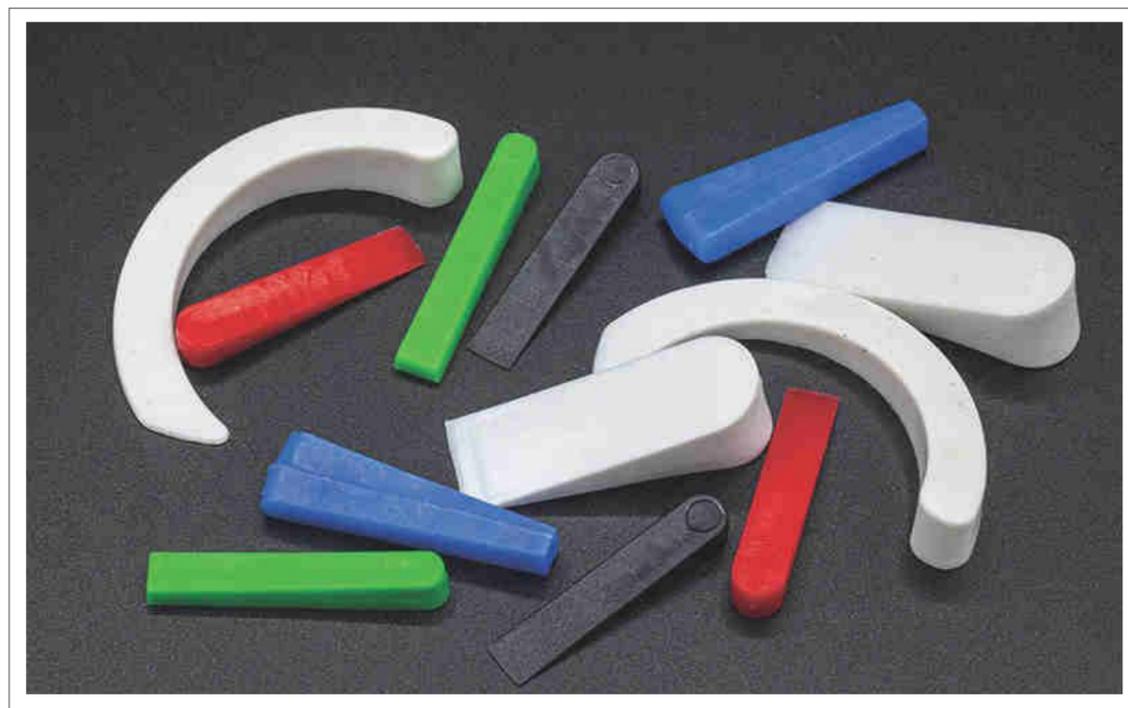
Art-No.	Version	joint width in mm	length in mm	standard VE pcs.
Z-15	spigot	1,5	40	100
Z-02	spigot	2,0	40	100
Z-03	spigot	3,0	40	100
Z-05	spigot	5,0	40	100

OPP bags

length in mm	width in mm	weight in g (ca.)
250	140	43
250	140	61,1
250	140	87,6
250	140	129

Carton

amount of Bags	weight in kg	preferred order quantity
100	5,3	300
75	5,6	300
60	6,3	300
50	7,5	300



Tile wedges

for inserting between tiles and panels to realize a perfect joint pattern

Tile wedges and sickle wedges are placed between the tiles and guarantee an even joint width. You choose the size of the gap yourself. Tile wedges are also ideal for precisely aligning the tiles on the wall.

Product and packaging are 100% recyclable.



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Tile wedges					OPP bags			Carton		
Art-No.	Version	version colour	size in mm	standard VE pcs.	length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
SFK-B	straight wedge	medium blue	5 - 11	250	220	140	247,6	50	13,4	1000
SFK-M	straight wedge	medium green	3 - 5,5	250	200	140	129,6	50	7,5	1000
SFK-G	straight wedge	big white	0 - 12	250	380	140	269,6	45	13,1	1035
SFK-K	straight wedge	small red	0 - 5	250	180	140	99,2	100	10,9	1000
SFK-K	straight wedge	small black	0 - 5	250	180	140	99,2	100	10,9	1000
SFK-S	sickle wedge	standard white	0 - 10	100	250	140	163,8	50	9,2	1000



Outdoor slap cross spacers

without expulsion protection

Cross Spacers made from min. 50% recycled material are ideal helpers when laying stone and concrete slabs. They remain in the joint and guarantee an equal joint width.

Product and packaging are 100% recyclable.



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Outdoor slap cross spacers Standard

Art-No.	joint width in mm	length in mm	height in mm	standard VE pcs.
S-03	3,0	60	15	50
S-04	4,0	60	15	50
S-05	5,0	60	15	50
S-08	8,0	60	15	25
S-10	10,0	60	15	25

OPP bags

length in mm	width in mm	weight in g (ca.)
300	220	268
300	220	325
300	220	385
300	220	234
300	220	256

Carton

amount of Bags	weight in kg	preferred order quantity
25	6,7	500
25	8,1	200
25	9,6	400
25	5,9	800
25	6,4	500



Outdoor slab cross spacers

with expulsion protection

Cross Spacers made from min. 50% recycled material are ideal helpers when laying stone and concrete slabs. They remain in the joint and guarantee an equal joint width.

Product and packaging are 100% recyclable.



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Outdoor slab cross spacers with expulsion protection

Art-No.	joint width in mm	length in mm	height in mm	standard VE pcs.	OPP bags			Carton		
					length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
A-02-10	2,0	50	10	100	300	220	480	20	9,6	400
A-03-10	3,0	50	10	50	300	220	275	25	6,9	500
A-03	3,0	60	15	50	300	220	268	25	6,7	500
A-04	4,0	60	15	50	300	220	340	20	6,8	200
A-05	5,0	60	15	50	300	220	390	20	7,8	400
A-08	8,0	60	15	25	300	220	240	20	4,8	600
A-10	10,0	60	15	25	300	220	398	20	8,0	500



Outdoor slab T spacers

with expulsion protection

T Spacers made from min. 50% recycled material are ideal helpers when laying stone and concrete slabs. They remain in the joint and guarantee an equal joint width.

Product and packaging are 100% recyclable.



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Outdoor slab T spacers with expulsion protection

Art-No.	joint width in mm	length in mm	height in mm	standard VE pcs.	OPP bags			Carton		
					length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
T-03	3,0	60	15	50	300	220	268	25	6,7	500
T-05	5,0	60	15	50	300	220	385	25	9,6	400
T-08	8,0	60	15	25	300	220	234	25	5,9	800



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GAPdisc

the four-in-one tile spacer

The innovative 4-in-1 tile spacer is reusable, universally applicable and very robust.

universal

7 different joint widths can be realized with the GAPdiscs. The discs stay in place without any problems.

reusable

The GAPdiscs are removed from the joints after the tiles have been laid and the adhesive has dried. They are easy to clean and ready for the next use.

robust

The design and composition of the GAPdiscs ensure good resistance to mechanical stress and make the spacers a durable tool.

GAPdisc 4-in-1 tile spacer			standard VE pcs.	OPP bags			Carton		
Art-No.	colour	gap width in mm		length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
M-05	orange	2, 3, 4, 5 mm	50	140	200	73,4	75	6,5	300
M-25	lime	1, 1,5, 2, 2,5 mm	50	140	200	73,4	75	6,5	300



FLI-PRO
the plastic tiling corner

FLI-PRO ensures exact alignment of the tiles horizontally, vertically and diagonally. It has a cord depot and can be put together as a pair.

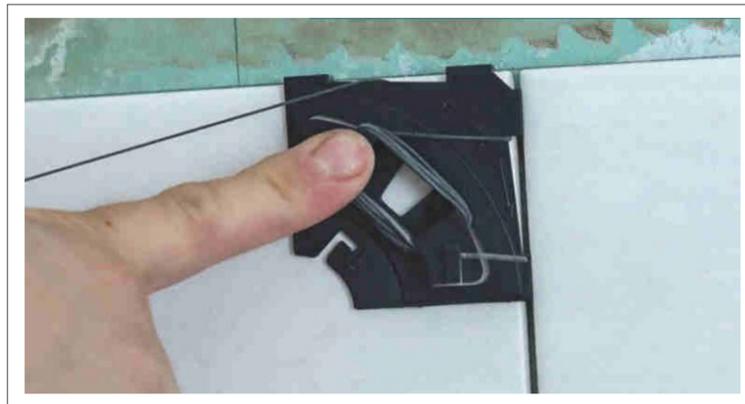
FLI-PRO is made of ABS and is therefore very robust and stable.

Optimal results can be achieved when used together with tile spacers.

FLI-PRO is available in bulk or in an OPP bag with an individual print or label.

Product and packaging are recyclable.

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FLI-PRO					OPP bags			Carton		
Art-No.	standard VE / pcs.	length in mm	width in mm	height in mm	length in mm	width in mm	weight in g (ca.)	amount of Bags	weight in kg	preferred order quantity
FP-02	1	200	140	19	200	4,8	200	75	6,5	300

**Brackets for metal blades
for external processing**

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Brackets are part of hand trowels for professional craftsmen and are mounted on trowel blades (riveted, welded or glued).

Handle variants

Smoothing trowel brackets made of ABS for plastic blades or metal blades allow different handles depending on the model - plastic, soft foam, 2-component handles but also wood and cork handles are possible.

Making individual!

All brackets can be made in different colors and, if required, in addition to the standard "Made in Germany" signature, they can also be manufactured with or without an individual signature.



**Brackets for plastic blades
optional for plastic blades with Quick-Changing-Technology**

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Plastic trowel blades

Trowel blades made of acrylonitrile butadiene styrene (ABS) can be mounted directly onto the bracket or supplied individually in various sizes, thicknesses and shapes (round, rectangular or rectangular with a point, toothed or smooth).

Trowel blades can also be made with a pre-assembled removable frame. With the right bracket, trowel blades can be changed quickly and easily.



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Plastic mini trowels

Softfoam handle

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Fine plaster scratches with strap

rectangular or pointed

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Plaster scrapers are ideal for rubbing out scratch plaster. The use of hardened steel pins ensures optimal stability and durability. The plastic back is made of environmentally friendly polypropylene (PP).

Plastic mini trowels

Art-No.	Dimension in mm	Size in mm	weight in g	colour of handle
MIK-1	∅ 100 mm	round	56	black, anthracite, red, gentianblue, cork
MIK-2	80 x 160 mm	rectangular	104	black, anthracite, red, gentianblue, cork
MIK-3	40 x 160 mm	rectangular	51,3	black, anthracite, red, gentianblue, cork
MIK-4	70 x 100 mm	rectangular	54,5	black, anthracite, red, gentianblue, cork
MIK-5	80 x 160 mm	pointed	72	black, anthracite, red, gentianblue, cork
MIK-6	45 x 150 mm	pointed	60	black, anthracite, red, gentianblue, cork

Carton

amount	weight in g (ca.)	preferred order quantity
10	0,8	10
10	1,3	10
10	0,8	10
10	0,8	10
10	1	10
10	0,9	10

Fine plaster scratches

Art-No.	Dimension in mm	Version	weight in g	colour	Carton amount	weight in g (ca.)	preferred order quantity
EPK-1	180 x 90 x 13 mm	rectangular	252	beige	10	3	10
EPK-2	180 x 90 x 13 mm	pointed	232	beige	10	2,5	10

Surface spatula set
consisting of 4 spatulas

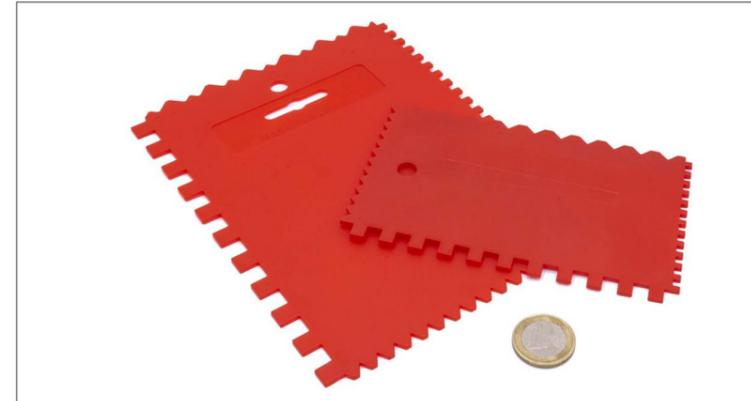
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Surface spatulas are ideal for working on sensitive materials such as wood, painted surfaces and GRP components. They are made from environmentally friendly polypropylene and are therefore almost unbreakable, flexible and solvent-resistant.

Notched spatulas
in different sizes

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Notched spatulas made of polypropylene are ideal for applying adhesives when laying tiles or floors (carpets, PVC coverings, laminate floors).

The different serrations make a wide range of uses possible.

Surface spatula set					Bag			Carton		
Art-No.	size in mm	weight in g	colour	Standard VE pcs.	length in mm	width in mm	weight in g	content of bags	weight in kg	preferred order quantity
FLS-S	50,75,100 and 120 mm	42	carmine red	1	180	140	45,5	250	12,4	250

Surface spatula set							Carton		
Art-No.	size in mm	weight in g	colour	notched sides			content of bags	weight in kg	preferred order quantity
ZSP	180 x 135 mm	36	carmine red	3 or 4			100	4	100
ZSP	135 x 90 mm	15	carmine red	3 or 4			200	3,5	200

ADDITIONAL PRODUCTS



In addition to our standard products, we produce floaters, handles for tools, end caps for straightedges, complex squeegee holders and carbon tool handles.

Do you perhaps have a very special request for your plastic product?

We look forward to you!

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