HAHN PLASTICS

www.hahnplastics.com



2023

OUR PRODUCTS

ZEDLOCK®

hanit®

RECYCLED PLASTIC PRODUCTS

Guaranteed Quality





ULRICH KOSSIN

COMPANY FOUNDER
HAHN KUNSTSTOFFE

Many people are fascinated to hear about Ulrich Kossin's path of life, being expelled from his home in Silesia the age of 7 with his family and having to start all over with "nothing". The state school pupil managed to build an internationally operating business, which is now a global leader in the world of plastic recycling.

Ulrich Kossin was a pioneer with intelligence. He began his career as a self-employed tax consultant in Vreden, Westfalia. The creation of products, however, has always fascinated him. The introduction of the German Packaging Regulations of 1991 gave him the impulse to found a plastic recycling company. This lead Ulrich Kossin to manufacture recycled plastic products for the first time in 1993 on the former military air base Hahn in Rhineland-Palatinate.

The recycling of plastics was pioneering work: the first 10 years were particularly challenging. This, however, did not stop Ulrich Kossin from doing in what he believed and endure the hard times. In the beginning, the product quality was at times unacceptable, preventing posts and other products from even leaving the company premises. Creating a homogenous mass and good products out of household waste plastics (PP, PE, multilayer, impurities) was challenging - but his enthusiastic employees and Ulrich Kossin found the right path. Comparing the first batches of posts with today's quality still makes us smile.

Ulrich Kossin passed away in 2014, but HAHN Kunststoffe still stays true to its roots and is continuously working on diverting raw materials from the landfills to create useful and durable products for the benefit of the environment.



ABOUT US

We started making products from 100% recycled plastic back in 1993. Our first manufacturing site was next to Frankfurt-Hahn Airport and we developed hanit®, a unique recycled plastic material with virtually limitless global potential. Moreover, we now manufacture in Manchester (UK), Udine (Italy) and Waterloo (Canada). We also have further distribution centres near San Sebastián (Spain) and Metz (France).

» hanit® – high-quality products made from 100% recycled plastic
» hanit® – cost-effective products with exceptional material properties
» HAHN – innovation and expertise in product research, development and production
» HAHN – the market leader in terms of market share, product range and delivery capacity

We care about customer satisfaction. That's why we're here 24/7, 365.

TRADEMARK
hanit®

EMPLOYEES
500 employees in 6 locations in Europe and North America

BUSINESS PREMISES
220,000 m^2, 14,500 m^2 of which is for production and offices

PRODUCT RANGE
Approx. 2,000 products and technical items

CAPACITY
90,000 t of hanit® products processed/manufactured every year

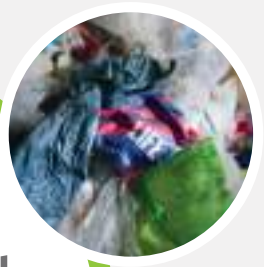
TECHNIQUE
We process plastic packaging into agglomerates / pellets. We make products using extrusion, intrusion, pressure and injection molding techniques

KNOW-HOW
All in-house research, development and construction for product design and processing techniques

PERFORMANCE
Customer and market-focused products. Expert advice and customer services. Short delivery times

QUALITY
hanit® products are suitable for playgrounds. Raw materials tested to DIN EN 71 part 3. Regularly certified with internal and external quality control

THIS IS WHO WE ARE



90,000 t

Processing capacity per year throughout the whole HAHN Group



100%

Recyclable secondary plastics

37 kg

In western industrialised countries, every person generates approx. 37 kg of plastic packaging waste

hanit® products are 100% recyclable as raw material

Founded in 1993, HAHN is a recycling pioneer. We may have started as idealists but we've worked hard to become market leaders and experts in our field. With such extensive experience and as a partner of the waste management industry, we produce high-quality products using 90,000 t plastic packaging waste.

Unlike most other recycling companies, our production plants are able to treat and process mixed waste plastics to the highest quality. We don't use water in our cleaning process. This is another example of how we save natural resources and energy in our process. Over the years, we've used our processing skill and technical expertise to develop a unique raw material called hanit®.

Our products have been recognised time and time again with certificates and awards from external bodies and institutes. We were the first company in Germany to receive the Green Angel recycling award. We won the Blue Angel in 2005 for environmentally friendly products. Our products are impeccably hygienic and meet the European Standard for Toy Safety. We also received the British RISE award for Sustainable Development in 2018.

For us, recycling is a serious business and a labour of love. Our environmentally friendly processes make beautiful things using waste plastic packaging. We turn bottle tops into a park bench that will last for decades.

6

Locations in Europe and North America

220,000

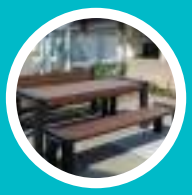
m² business premises.

That's more than 30 football pitches!



500

Employees



65,000 t

Production of 65,000 t recycled plastic products annually.

That's equal to six Eiffel Towers!

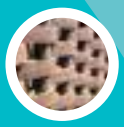


hanit®

Approx.

2,000

Products in the HAHN range







Our commitment to the environment matched by our 500 staff – all dedicated recyclers. Because where waste cannot be avoided, recycling is the solution. So always choose products made out of recycled materials and always separate your rubbish carefully.

Together, we can do it!

hanit®

TOOL SELECTION



SAWING & CUTTING

High-speed band saws and circular saws with slightly crossed teeth, preferably carbide-tipped, produce the best finish. Quickly remove any shavings to avoid smearing the plastics. Lengths can also be shortened using a chainsaw, however, it is necessary to consider a loss of accuracy.



ROUTING

The span cross-section should be as large as possible to keep the machining heat relatively low. Depth of cut and feed rate should be high, the cutting speed on the other hand low. To increase the tool life, we recommend using routers with indexable carbide inserts.



DRILLING

Spiral bits with a helix angle from 20° to 30° peak angle from 110° to 120° can almost always be used. Relaxation strokes should occasionally be used, especially with larger drilling depths, to avoid high frictional heat.



PLANING

Standard planes can also be used to process plastics. The surface is largely dependent on the feed rate, cutting speed, clearance and cutting angle and the condition of the machining blade.



DEBURRING

Angle grinders are not suitable for cutting due to their high speed. Plastic parts, which exhibit burrs or edges following machining, can be processed with an angle grinder.

PROCESSING GUIDELINES

When bolting recycled profiles together, the profile to be fastened must be pre-drilled (e.g. boards, dock planks, square profiles). The hole must be larger than the bolt. Elongated slots are recommended to account for the temperature-related expansion of the material.

Recycled profiles are only partially paintable due to their properties. Good results have been obtained using permanently elastic plastic paints (all-weather paints) together with a roughened surface and priming. Permanent paint adhesion cannot be guaranteed.

hanit® products can be nailed both conventionally and with nail guns. Due to the compact surface, it is, however, more difficult to penetrate the profiles than it would be with wood. Consider this when fixing.

Compared to wood or metal products, plastic has lower rigidity and greater flexibility. These special material properties must be taken into account when planning distance between supports in dock, fence, and patio construction.

If profiles are hammered, we recommend using a ram or a corner protector to prevent damage to the product.

Boards, beams, and square profiles must not be press-fitted. The profiles may exhibit length variations of +/- 1.5% due to temperature fluctuations. An expansion distance (expansion joint) must therefore be maintained during installation.

Sunlight affects the profile alignment, and can, for example, cause fence posts to tilt. To prevent profile distortion caused by sunlight, the profiles should not be stored loosely.

We have structural verification tests, installation recommendations, and assembly instructions for many products and applications. More information can be found on our website www.hahnplastics.com in the download section or on the selected product's page.

hanit® products can be processed as necessary with conventional tools and machinery used in wood and metal processing. However, due to the properties of the material, some specific features must be considered:

» In general, machining of profiles causes higher tool wear. We therefore recommend the use of carbide-tipped tools.

» Recycled products have a closed surface. The core may have a honeycomb structure, which becomes visible during machining. This is due to the material properties.

» Some hanit® products are reinforced with steel. You can recognise these by the note "with reinforcement" or "reinforced". Cutting or sawing these products (length/width) should be avoided.

» Any chips that occur during machining should be collected by an appropriate extraction system or device so they can be reused.

WHAT MAKES hanit® UNIQUE?

DURABILITY

» Weather-resistant

» Rot-resistant

» Can be used all year round

» Moisture-repellent, does not absorb water and dries quickly

ECO-FRIENDLY

» Produced without preservatives

» Reduces the strain on landfill, is sustainable and environmentally friendly

» Recyclable in the material cycle

» Awarded the "BLUE ANGEL" eco-label

» Non-polluting

ECONOMICAL

» Long service life

» Resistant to oils, brines, acids, and salt water

» Low maintenance and service costs

» Made of high-quality processed secondary plastics (polyolefins)

» Excellent price-quality ratio

» Perfect construction material, especially for robust profiles and finished parts

LIGHT-WEIGHT

» Approximately 1/3 the weight of concrete

» Installation does not require heavy equipment

» Higher load capacity

» Transport cost savings

» Faster installation

» Reduced workload

SIMPLE PROCESSING

» Easy to process mechanically (drilling, sawing, screwing, nailing)

» Simple adjustments can be made on the spot

SAFETY & MAINTENANCE

» Splinter-free and carries low risk of injury

» Non-toxic according to DIN EN 71-3 (Safety of Toys)

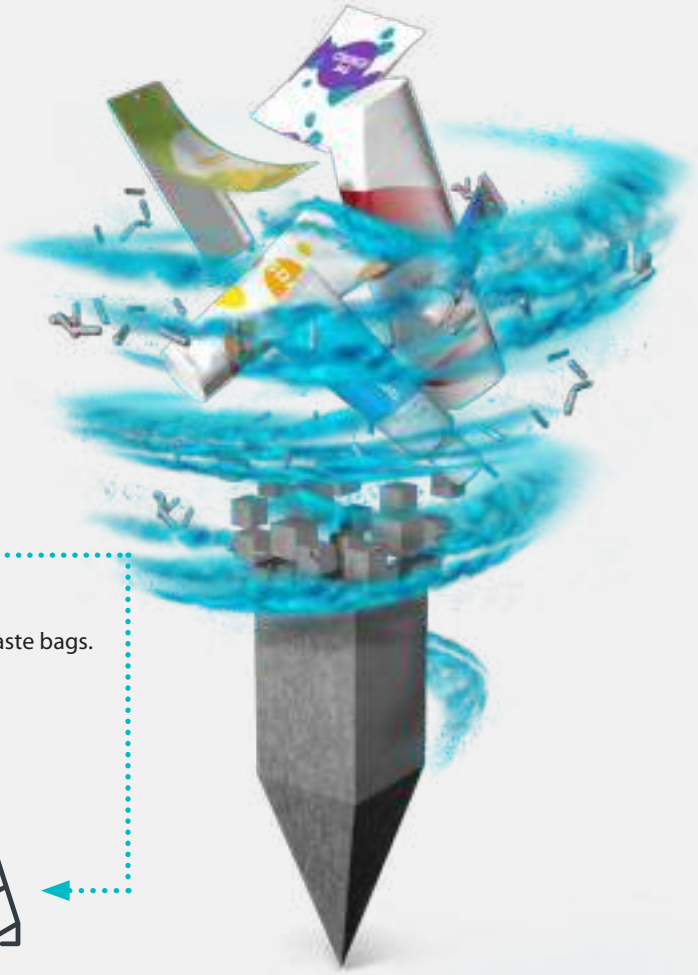
» No need to clean

» Maintenance-free

TALKING ABOUT RECYCLING

Preconceptions can be persistent: "Eventually, it will all be burnt anyway." or "Why separate waste if it all ends up in the same place in the end".

In reality, recyclable packaging waste will be recycled. This is how it works:





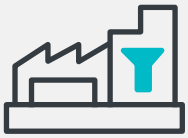
It all begins in private households. That's where packaging gets sorted into recycling bins...



... or designated waste bags.



The contents of the bins and bags are transported to sorting facilities.



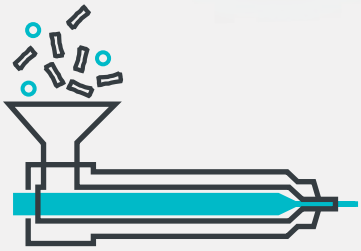
That's where the packaging waste is separated by material (such as tin or plastics). Unsuitable leftover material is sorted out.



The plastic packaging waste is baled and delivered to HAHN.



The bales are processed into pellets, which are the basis for hanit®, our recycled material.



The pellets are melted and injected into moulds. Sometimes colourant is added to the mix.



This is how all our products are made.

At the end of their life, the products can easily be recycled again. Thus starting the cycle again.

THE RECYCLING LOOP – YOUR ROLE

Everyone can contribute to effective recycling and environmental protection. Here are some tips:

» Only discard your packaging in designated receptacles

» Plastic cups do not need to be rinsed, removing bigger residues is more than sufficient

» Fully remove any aluminium lids, this makes sorting significantly easier.

» Do not stack any packaging on top of each other, this makes it harder to separate.

COLOUR RANGE OF hanit®

hanit® recycled products are, depending on the product, available in various colours.
Each product starts out as a grey granulated material, which is coloured during the manufacturing process.

PLEASE NOTE THE FOLLOWING FOR hanit® COLOURS:

- When using recycled materials (hanit® pellets) variations in colour and visual appearance of the products can occur. For this reason, the depicted colour tiles are meant for orientation only. We cannot accept returns based on variations in colour and surface finish.
- Grey profiles do not have any colourant added. The colour tone is the result of a production process without added colour (natural). As a result of variations in the raw material mix, colour deviations are more likely to appear in grey profiles.
- All other colours are achieved by colouring the grey granulate. The profiles are fully coloured throughout not just the surface.
- hanit® profiles are characterised by their muted colours which emphasise the natural character of the products.
- Colours and products can fade over time. This is due to a natural process which does not impair the functionality of the products. Colour changes such as fading are exempt from the warranty.



GREY

Similar to RAL 7000/7005/7023



BROWN

Similar to RAL 8011/8017
hanit® Ultra similar to RAL 8014/8019



BLACK

Similar to RAL 7016/7021



GREEN

Similar to RAL 6005/6028



BLUE

Similar to RAL 5001/5007



RED

Similar to RAL 3016/3031

DETAILS ABOUT THE BLUE ANGEL

www.blauer-engel.de/uz30a

WHY OUR PRODUCTS ARE SUSTAINABLE WITH OR WITHOUT AN ECO-LABEL

The Blue Angel originated in 1978 as a certification for products and services that are more environmentally-friendly than comparable conventional products and services.

What is the criteria of environmentally-friendly based on? Products that are to be awarded the Blue Angel have to be produced in a resource-efficient way, made from sustainably produced raw materials, be especially long-lasting and be easy to recycle.

All of these criteria are met by hanit® products in a perfectly way. Even the base material which was developed by HAHN is a sustainably produced raw material, setting ecological standards. For this reason it is no surprise that many of our products have been awarded the Blue Angel certification since 2005.

However, this does not apply to all of our products. The reason is simple: some of our products need to be exceptionally sturdy and stable and therefore require reinforcement. Most of the steel is produced conventionally and has to be purchased. These supplementary components do not conform to Blue Angel regulations and as a result the product as a whole does not qualify. Similarly, the extremely robust and durable hanit® Ultra products are also an example of sustainability, but as these products are made in the UK, they cannot be awarded a German eco label.

For you as a customer this means: even the products which have not been awarded the Blue Angel label due to their individual components are still environmentally-friendly. The high proportion of hanit® recycled pellets guarantees the responsible use of resources and protection of the environment - we vouch for that with our name!

Note: Products awarded the Blue Angel can be easily identified directly on the individual product page.

hanit®
sustainable, toxin-free,
Blue Angel certified

WE LEAVE THE TREES IN THE FOREST

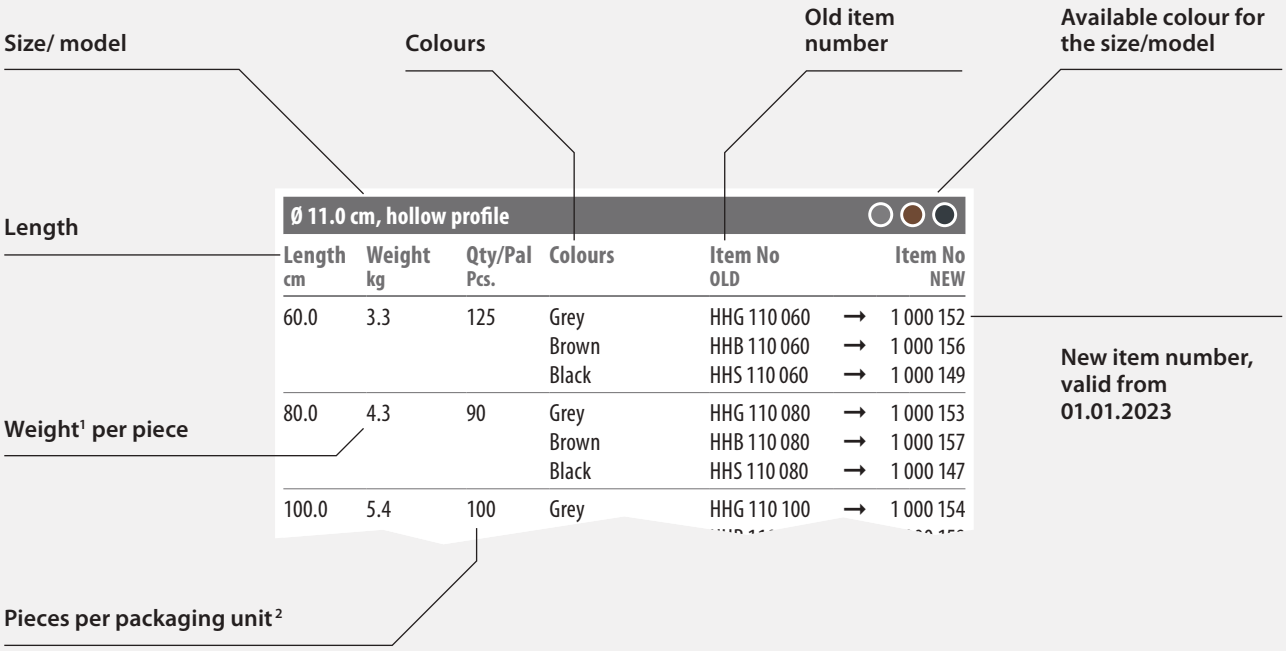


HOW TO USE THIS DOCUMENT

Using our helpful symbols you can easily identify whether the desired hanit® product is suitable for your application or whether it is certified with the Blue Angel label.

- BLUE ANGEL CERTIFIED
- DOCK & HARBOUR CONSTRUCTION
- MATERIALS
- BUILDING TECHNOLOGY
- HORTICULTURE & LANDSCAPING
- ROAD CONSTRUCTION
- AGRICULTURE
- EVENTS

» How to use this brochure



Ø 11.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colours	Item No OLD		Item No NEW
60.0	3.3	125	Grey	HHG 110 060	→	1 000 152
			Brown	HHB 110 060	→	1 000 156
			Black	HHS 110 060	→	1 000 149
80.0	4.3	90	Grey	HHG 110 080	→	1 000 153
			Brown	HHB 110 080	→	1 000 157
			Black	HHS 110 080	→	1 000 147
100.0	5.4	100	Grey	HHG 110 100	→	1 000 154

1 As hanit® is a recycled product, weight can vary slightly.

2 Packaging units are only meant as a helpful guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

3 We will be pleased to prepare a freight offer for you.

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01
BUILDING AND CONSTRUCTION

…it lasts and lasts and lasts.

On paper, building is easy. Real life is a little more complicated but it helps to use quality materials that are durable, easy to work with and available in a variety of shapes and sizes. If they're also weatherproof, rot-free, splinter-free and maintenance-free, it can really pay off in the long-run.

HAHN sheets, fences, decking and boards offer an excellent price to quality ratio. In like-for-like comparisons, hanit® out-performs wood, steel and concrete. As our Blue Angel Award goes to show, hanit® is water-neutral, non-toxic and environmentally-friendly.

- **Splinter-free**
- **Low risk of injury**
- **Rot-free**
- **Made without additives**
- **Lighter than concrete**
- **Simple processing - similar to wood**
- **Maintenance-free**

PLAYGROUNDS



FENCES



EDGING



SHELTER FASCIA



Palisades

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OGEE PALISADE

Solid or hollow profile



Colours

Ø 11.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	3.3	125	Grey	HHG 110 060	→	1 000 152
			Brown	HHB 110 060	→	1 000 156
			Black	HHS 110 060	→	1 000 149
80.0	4.3	90	Grey	HHG 110 080	→	1 000 153
			Brown	HHB 110 080	→	1 000 157
			Black	HHS 110 080	→	1 000 147
100.0	5.4	100	Grey	HHG 110 100	→	1 000 154
			Brown	HHB 110 100	→	1 000 158
			Black	HHS 110 100	→	1 000 148

Ø 11.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
120.0	9.9	70	Grey	HG 110 120	→	1 000 062
			Brown	HB 110 120	→	1 000 015
140.0	11.6	70	Grey	HG 110 140	→	1 000 063
			Brown	HB 110 140	→	1 000 016
160.0	13.2	70	Grey	HG 110 160	→	1 000 064
			Brown	HB 110 160	→	1 000 017
180.0	14.9	70	Grey	HG 110 180	→	1 000 065
			Brown	HB 110 180	→	1 000 018

Ø 13.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	4.0	72	Grey	HHG 130 060	→	1 000 160
			Brown	HHB 130 060	→	1 000 164
80.0	5.3	54	Grey	HHG 130 080	→	1 000 161
			Brown	HHB 130 080	→	1 000 165
100.0	6.6	54	Grey	HHG 130 100	→	1 000 162
			Brown	HHB 130 100	→	1 000 166

Ø 13.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
120.0	13.8	36	Grey	HG 130 120	→	1 000 070
			Brown	HB 130 120	→	1 000 023
150.0	17.3	36	Grey	HG 130 150	→	1 000 071
			Brown	HB 130 150	→	1 000 024
180.0	20.7	36	Grey	HG 130 180	→	1 000 072
			Brown	HB 130 180	→	1 000 025

PRODUCT INFO

- Bevelled top
- Hollow versions available for selected palisades
- Black available in selected sizes
- Slope reinforcement
  Note: Not all palisade sizes are suitable for slope reinforcement. Contact HAHN for details.



HOLLOW PROFILE ADVANTAGES

The load capacity of the hollow palisades differs only slightly from solid palisades. Conversely, hollow profiles have several advantages:

- Lower cost due to less material used
- Lower weight = lower transport costs
- Lower weight makes installation easier

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



Ø 16.0 cm, hollow profile						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	6.2	60	Grey	HHG 160 060	→	1 000 179
			Brown	HHB 160 060	→	1 000 175
80.0	8.2	42	Grey	HHG 160 080	→	1 000 180
			Brown	HHB 160 080	→	1 000 176
100.0	10.2	42	Grey	HHG 160 100	→	1 000 181
			Brown	HHB 160 100	→	1 000 177

Ø 16.0 cm, solid profile						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
120.0	20.9	30	Grey	HG 160 120	→	1 000 084
			Brown	HB 160 120	→	1 000 037
150.0	26.1	30	Grey	HG 160 150	→	1 000 085
			Brown	HB 160 150	→	1 000 038
180.0	31.3	30	Grey	HG 160 180	→	1 000 086
			Brown	HB 160 180	→	1 000 039

REQUIREMENT PER METRE



ø 11.0 cm
» Slump (S): ca 9.5 cm
» Required quantity (B): approx. 10.5
» Fillet angle: approx. 60°

ø 13.0 cm
» Slump (S): ca 11.0 cm
» Required quantity (B): approx. 9.0
» Fillet angle: approx. 60°

ø 16.0 cm
» Slump (S): ca 13.5 cm
» Required quantity (B): approx. 7.5
» Fillet angle: approx. 60°

ø 20.0 cm
» Slump (S): ca 15.3 cm
» Required quantity (B): approx. 6.5
» Fillet angle: approx. 80°





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



Ø 20.0 cm, hollow profile						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	9.0	32	Grey	HHG 200 060	→	1 000 146
			Brown	HHB 200 060	→	1 000 135
80.0	11.9	24	Grey	HHG 200 080	→	1 000 145
			Brown	HHB 200 080	→	1 000 140
100.0	15.1	24	Grey	HHG 200 100	→	1 000 134
			Brown	HHB 200 100	→	1 000 141

Ø 20.0 cm, solid profile						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
120.0	31.3	16	Grey	HG 200 120	→	1 000 090
			Brown	HB 200 120	→	1 000 043
150.0	39.1	16	Grey	HG 200 150	→	1 000 091
			Brown	HB 200 150	→	1 000 044
175.0	45.6	16	Grey	HG 200 175	→	1 000 092
			Brown	HB 200 175	→	1 000 045
200.0	52.2	16	Grey	HG 200 200	→	1 000 093
			Brown	HB 200 200	→	1 000 046



TIPS & TRICKS

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and can be downloaded from the selected product page.

For vertical installations, approx. 1/3 of the palisade length should go into the ground. Bear this in mind when choosing palisade length for your project.

For horizontal ogee palisade installations, simply peg to the ground – making sure to pre-drill and countersink the palisade.





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



ROUND PALISADE

Solid or hollow profile



Colours

Ø 10.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	2.9	66	Grey	PHG 100 060	→	1 100 237
			Brown	PHB 100 060	→	1 100 219
80.0	3.8	53	Grey	PHG 100 080	→	1 100 238
			Brown	PHB 100 080	→	1 100 220
100.0	4.7	53	Grey	PHG 100 100	→	1 100 239
			Brown	PHB 100 100	→	1 100 221

Ø 12.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	3.7	56	Grey	PHG 120 060	→	1 100 241
			Brown	PHB 120 060	→	1 100 223
80.0	4.9	43	Grey	PHG 120 080	→	1 100 242
			Brown	PHB 120 080	→	1 100 224
100.0	6.0	43	Grey	PHG 120 100	→	1 100 243
			Brown	PHB 120 100	→	1 100 225

Ø 10.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	9.1	33	Grey	PG 100 125	→	1 100 099
			Brown	PB 100 125	→	1 100 043
150.0	11.0	33	Grey	PG 100 150	→	1 100 100
			Brown	PB 100 150	→	1 100 044
175.0	12.8	33	Grey	PG 100 175	→	1 100 101
			Brown	PB 100 175	→	1 100 045
200.0	14.6	33	Grey	PG 100 200	→	1 100 102
			Brown	PB 100 200	→	1 100 046

Ø 12.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	13.1	28	Grey	PG 120 125	→	1 100 110
			Brown	PB 120 125	→	1 100 054
150.0	15.8	28	Grey	PG 120 150	→	1 100 111
			Brown	PB 120 150	→	1 100 055
175.0	18.4	28	Grey	PG 120 175	→	1 100 112
			Brown	PB 120 175	→	1 100 056
200.0	21.0	28	Grey	PG 120 200	→	1 100 113
			Brown	PB 120 200	→	1 100 057
225.0	23.7	28	Grey	PG 120 225	→	1 100 114
			Brown	PB 120 225	→	1 100 058
250.0	26.3	28	Grey	PG 120 250	→	1 100 115
			Brown	PB 120 250	→	1 100 059
280.0	29.5	28	Grey	PG 120 280	→	1 100 116
			Brown	PB 120 280	→	1 100 060

PRODUCT INFO

- Bevelled top
- Hollow versions available for selected palisades
- Slope reinforcement
  Note: Not all palisade sizes are suitable for slope reinforcement. Contact HAHN for details.



HOLLOW PROFILE ADVANTAGES

The load capacity of the hollow palisades differs only slightly from solid palisades. Conversely, hollow profiles have several advantages:

- Lower cost, due to less material used
- Lower weight = lower transport costs
- Lower weight makes installation easier

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Ø 15.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	5.8	60	Grey	PHG 150 060	→	1 100 245
			Brown	PHB 150 060	→	1 100 227
80.0	7.6	48	Grey	PHG 150 080	→	1 100 246
			Brown	PHB 150 080	→	1 100 228
100.0	9.5	48	Grey	PHG 150 100	→	1 100 213
			Brown	PHB 150 100	→	1 100 229

Ø 20.0 cm, hollow profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	9.5	32	Grey	PHG 200 060	→	1 100 215
			Brown	PHB 200 060	→	1 100 231
80.0	12.5	24	Grey	PHG 200 080	→	1 100 216
			Brown	PHB 200 080	→	1 100 232
100.0	15.6	24	Grey	PHG 200 100	→	1 100 217
			Brown	PHB 200 100	→	1 100 233

Ø 15.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	20.6	30	Grey	PG 150 125	→	1 100 120
			Brown	PB 150 125	→	1 100 064
150.0	24.7	30	Grey	PG 150 150	→	1 100 121
			Brown	PB 150 150	→	1 100 065
175.0	28.8	30	Grey	PG 150 175	→	1 100 122
			Brown	PB 150 175	→	1 100 066
200.0	32.8	30	Grey	PG 150 200	→	1 100 123
			Brown	PB 150 200	→	1 100 067

Ø 20.0 cm, solid profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	36.5	16	Grey	PG 200 125	→	1 100 130
			Brown	PB 200 125	→	1 100 074
150.0	43.8	16	Grey	PG 200 150	→	1 100 131
			Brown	PB 200 150	→	1 100 075
175.0	51.1	16	Grey	PG 200 175	→	1 100 132
			Brown	PB 200 175	→	1 100 076
200.0	58.4	16	Grey	PG 200 200	→	1 100 133
			Brown	PB 200 200	→	1 100 077

REQUIREMENT PER METRE



ø 10.0 cm
» Required quantity (B): approx. 10.0

ø 12.0 cm
» Required quantity (B): approx. 8.3

ø 15.0 cm
» Required quantity (B): approx. 6.7

ø 20.0 cm
» Required quantity (B): approx. 5.0

TIPS & TRICKS

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hanit.de and can be downloaded from the selected product page.

Working with recycled plastic is very similar to working with wood. It can be cut, sawn, drilled or routed. For example, reflectors and warning signs can be simply screwed on. This means that HAHN palisades can be easily adapted for a limitless variety of uses. Feel free to be creative!



hanit® SNOW RAILS

Use 12 x 280 cm round profiles

When attaching to the roof, use three hooks per profile (one in the centre, two at each end). Place the first profile 25 cm in from the edge of the roof and leave a small gap between each profile.



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RECTANGULAR PALISADE

Hollow profile



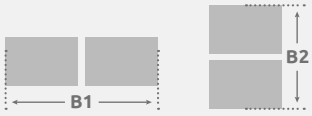
Colours

12.0 x 16.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	6.6	60	Grey	RGH 120 060	→	1 200 018
			Brown	RBH 120 060	→	1 200 001
			Black	RSH 120 060	→	1 200 015
80.0	8.7	50	Grey	RGH 120 080	→	1 200 019
			Brown	RBH 120 080	→	1 200 022
			Black	RSH 120 080	→	1 200 014
100.0	10.8	50	Grey	RGH 120 100	→	1 200 020
			Brown	RBH 120 100	→	1 200 023
			Black	RSH 120 100	→	1 200 016





REQUIREMENT PER METRE



12.0 x 16.0 cm
» Required quantity (B1): approx. 6.3
» Required quantity (B2): approx. 8.4

16.0 x 24.0 cm
» Required quantity (B1): approx. 4.2
» Required quantity (B2): approx. 6.3

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16.0 x 24.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	13.0	40	Grey	RG 160 060	→	1 200 002
			Brown	RB 160 060	→	1 200 007
80.0	18.0	28	Grey	RG 160 080	→	1 200 003
			Brown	RB 160 080	→	1 200 008
100.0	22.3	28	Grey	RG 160 100	→	1 200 004
			Brown	RB 160 100	→	1 200 009
125.0	28.0	20	Grey	RG 160 125	→	1 200 005
			Brown	RB 160 125	→	1 200 010
150.0	33.3	20	Grey	RG 160 150	→	1 200 006
			Brown	RB 160 150	→	1 200 011

ADVANTAGES RECTANGULAR PALISADES

» Ideal for a straight finish

» Steps, light shafts and mowing edges installed easily

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.



TIPS & TRICKS

» For vertical installations, approx. 1/3 of the palisade length should go into the ground. Bear this in mind when choosing palisade length for your project.

» Slope reinforcement
Note: Not all palisade sizes are suitable for slope reinforcement. Contact HAHN for details.



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L-STONE

The lightweight 'stone'



Colours

50.0 x 50.0 cm						
Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
55.0	28.6	16	Grey	LG 5050 055	→	2 000 005
			Brown	LB 5050 055	→	2 000 002
			Black	LS 5050 055	→	2 000 008
80.0	36.7	8	Grey	LG 5050 080	→	2 000 006
			Brown	LB 5050 080	→	2 000 003
			Black	LS 5050 080	→	2 000 009
105.0	42.2	8	Grey	LG 5050 105	→	2 000 007
			Brown	LB 5050 105	→	2 000 004
			Black	LS 5050 105	→	2 000 010

INSTALLATION

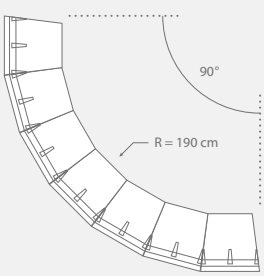
It is possible that L-stones may not align during installation due to the material properties. This can be straightened out using recycled boards.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.



TIPS & TRICKS

It's easy to create corners with L-stones. For 90 degree bends, place seven L-stones together, with each angled base/foot adjacent to the next. No need for separate corner pieces!





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L-STONE CORNER

The perfect finish



Colours

25.0 x 25.0 cm						
Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
55.0	11.5	24	Grey	GE 2525 055	→	2 000 032
			Brown	BE 2525 055	→	2 000 015
			Black	SE 2525 055	→	2 000 016
80.0	16.2	16	Grey	GE 2525 080	→	2 000 018
			Brown	BE 2525 080	→	2 000 019
			Black	SE 2525 080	→	2 000 017
105.0	21.0	16	Grey	GE 2525 105	→	2 000 026
			Brown	BE 2525 105	→	2 000 020
			Black	SE 2525 105	→	2 000 027

OUR CORNERS - A ROUND AFFAIR

» Simple installation
» Perfect system extension

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.







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BEAMS

Multiple uses



Colours

8.0 x 16.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	17.9	30	Grey	RG 0816 150	→	2 100 118
			Brown	RB 0816 150	→	2 100 124
200.0	23.8	30	Grey	RG 0816 200	→	2 100 091
			Brown	RB 0816 200	→	2 100 055
250.0	29.8	30	Grey	RG 0816 250	→	2 100 101
			Brown	RB 0816 250	→	2 100 125
300.0	35.7	30	Grey	RG 0816 300	→	2 100 102
			Brown	RB 0816 300	→	2 100 052

8.0 x 23.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	25.5	30	Grey	RG 0823 150	→	2 100 029
			Brown	RB 0823 150	→	2 100 019
200.0	34.2	30	Grey	RG 0823 200	→	2 100 030
			Brown	RB 0823 200	→	2 100 020
250.0	42.5	30	Grey	RG 0823 250	→	2 100 074
			Brown	RB 0823 250	→	2 100 086
300.0	51.0	30	Grey	RG 0823 300	→	2 100 090
			Brown	RB 0823 300	→	2 100 071

15.5 x 21.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
225.0	68.1	20	Grey	RGM 1521 225	→	2 100 038
			Brown	RBM 1521 225	→	2 100 028

15.5 x 21.0 cm, with rounded longitudinal edges

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
225.0	65.0	20	Grey	RGA 1521 225	→	2 100 105
			Brown	RBA 1521 225	→	2 100 104

16.0 x 24.0 cm , with plastic reinforcement

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	53.6	15	Grey	RG 1624 150 A	→	2 100 301
			Brown	RB 1624 150 A	→	2 100 300
200.0	71.0	15	Grey	RG 1624 200 A	→	2 100 320
			Brown	RB 1624 200 A	→	2 100 299
250.0	89.0	15	Grey	RG 1624 250 A	→	2 100 321
			Brown	RB 1624 250 A	→	2 100 075
300.0	107.0	15	Grey	RG 1624 300 A	→	2 100 322
			Brown	RB 1624 300 A	→	2 100 298



NOTE
16 X 24 CM BEAM

- Internal plastic reinforcement
- Reduced voids
- Better installation

16 x 24 cm beams are produced with an internal plastic reinforcement. This results in a higher density and provides improved screw connections.



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TIPS & TRICKS

hanit® profiles are perfect for bulk storage bays and bunkers.

» We recommend the following sizes:
  - Bulk storage back wall: 16 x 24 x 200 cm
  - Bulk storage side wall: 8 x 23 x 200 cm
» The distance between steel beams needs to be approx. 1% wider than the length of the profiles, due to the expansion properties of the beams.
» The bottom profile of each panel should be fixed with a post anchor.
» The individual layers will be connected through screws, bolts, or a connecting board.
» Profile dimensions can vary slightly. For this reason, only install the steel posts after the profiles have been delivered and measured.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

BEAMS

With radius edges



Colour

8.0 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	35.0	40	Brown	RB 0820 250	→	2 100 319



NOTE

» Product with rounded, circumferential edges with R40 radius
» Ideal for use in water construction, e.g. fish ladders

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U-PROFILES

The edging system



Colours

16.0 x 24.0 cm, standard profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	32.5	18	Grey	RGH 1624 150	→	2 100 081
			Brown	RBH 1624 150	→	2 100 080
300.0	65.0	18	Grey	RGH 1624 300	→	2 100 147
			Brown	RBH 1624 300	→	2 100 146

16.0 x 24.0 cm, end profile

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	32.8	18	Grey	EGH 1624 150	→	2 100 082
			Brown	EBH 1624 150	→	2 100 084
300.0	65.5	18	Grey	EGH 1624 300	→	2 100 083
			Brown	EBH 1624 300	→	2 100 085

INSTALLATION

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

Assembly accessories incl. drill holes & screw material

Item	Weight kg	Item No OLD		Item No NEW
Corner connector 90° degrees, Grey/Brown[1]	2.0	UVG 1212 010	→	2 100 008
Long connector, Grey/Brown[1]	4.0	UVG 1212 060	→	2 100 012
Lead connector, Grey/Brown[1]	4.0	UVG 1212 012	→	2 100 013
Seam joint, galvanised[2,3]	1.0	UVG 1212 011	→	2 100 002

ADDITIONAL ITEMS

Corner connector (90 degrees): 1 per corner

Long connector: 1 per end

Lead connector: 1 (in addition to the long connector) per 300 cm U-Profile

Seam joint: 1 per 4 profiles / 10 m

[1] Delivered in brown or grey, depending on availability

[2] Brown available on request

[3] Not Blue Angel eco-label certified





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GRASS EDGING

With locating system



5.0 x 26.0 cm

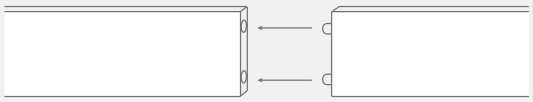
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	33.0	30	Grey	RG 0526 254	→	2 200 006
			Brown	RB 0526 254	→	2 200 005

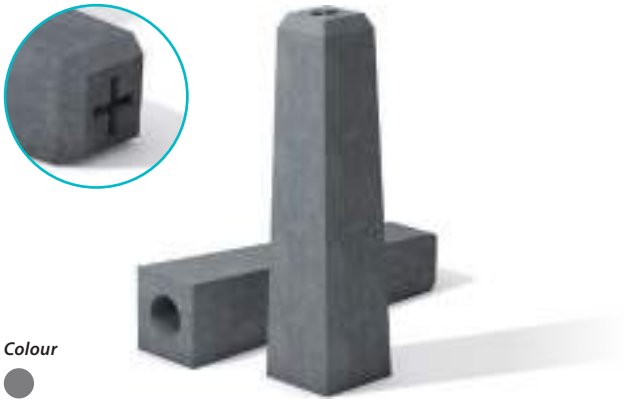
Colours



PROCESSING

Easy processing due to the locating system





Colour

BOUNDARY STONE

For easier, lighter surveying

12.0 x 12.0 cm / 9.0 x 9.0 cm

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
50.0	4.0	140	Grey	GHS 091 250	→	2 200 337

CABLE MARKER

It's this way

12.0 x 12.0 cm / 9.0 x 9.0 cm

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
50.0	4.0	140	Grey	KHS 091 250	→	2 200 013



Colour

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GARDEN EDGING

Rolled & straight



Colour

Straight Garden Edging 1.0 x 14.0 cm (bundles of 4 profiles)

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	11.2	80	Anthracite	RKS 10 140 200-4	→	2 200 009

Rolled Garden Edging 0.7 x 14 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
1,800.0	19.0	24	Anthracite	RKS 07 141 800	→	2 200 010

Square post 4.0 x 4.0 cm (bundles of 8 profiles)

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
45.0	5.6	72	Grey	VG 040 045-8	→	3 200 083
60.0	7.2	72	Grey	VG 040 060-8	→	3 200 084

TIPS & TRICKS

For perfect lines, use our Straight Garden Edging. For round, curved or even wavy designs, use our flexible Rolled Garden Edging.

We recommend using our 4 x 4 x 45 or 60 cm square posts for the installation of our hanit® garden edging. For the rolled garden edging approx. 24 posts (spaced every 75 cm) are required. For the straight garden edging, 4 posts (spaced every 50 cm) are required.







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SQUARE PROFILE

The utility profile



Colours

4.0 x 4.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	1.5	500	Grey	RG 040 100	→	2 300 068
			Brown	RB 040 100	→	2 300 025
200.0	3.0	260	Grey	RG 040 200	→	2 300 073
			Brown	RB 040 200	→	2 300 030
250.0	3.7	260	Grey	RG 040 250	→	2 300 350
			Brown	RB 040 250	→	2 300 349
300.0	4.5	260	Grey	RG 040 300	→	2 300 333
			Brown	RB 040 300	→	2 300 351

7.0 x 7.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	4.6	255	Grey	RG 070 100	→	2 300 078
			Brown	RB 070 100	→	2 300 035
200.0	9.1	55	Grey	RG 070 200	→	2 300 083
			Brown	RB 070 200	→	2 300 040
250.0	11.4	55	Grey	RG 070 250	→	2 300 011
			Brown	RB 070 250	→	2 300 134
300.0	13.7	55	Grey	RG 070 300	→	2 300 352
			Brown	RB 070 300	→	2 300 353

9.0 x 9.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	7.5	130	Grey	RG 090 100	→	2 300 087
			Brown	RB 090 100	→	2 300 044
200.0	15.1	45	Grey	RG 090 200	→	2 300 091
			Brown	RB 090 200	→	2 300 048
250.0	18.8	45	Grey	RG 090 250	→	2 300 094
			Brown	RB 090 250	→	2 300 051
300.0	22.6	45	Grey	RG 090 300	→	2 300 670
			Brown	RB 090 300	→	2 300 021





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10.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	9.3	120	Grey	RG 100 100	→	2 300 291
			Brown	RB 100 100	→	2 300 296
200.0	18.6	80	Grey	RG 100 200	→	2 300 015
			Brown	RB 100 200	→	2 300 002
250.0	23.2	48	Grey	RG 100 250	→	2 300 292
			Brown	RB 100 250	→	2 300 294
300.0	27.9	48	Grey	RG 100 300	→	2 300 161
			Brown	RB 100 300	→	2 300 140

12.0 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	13.4	80	Grey	RG 120 100	→	2 300 299
			Brown	RB 120 100	→	2 300 194
200.0	26.8	48	Grey	RG 120 200	→	2 300 017
			Brown	RB 120 200	→	2 300 004
250.0	33.5	42	Grey	RG 120 250	→	2 300 297
			Brown	RB 120 250	→	2 300 300
300.0	40.2	36	Grey	RG 120 300	→	2 300 298
			Brown	RB 120 300	→	2 300 301

15.0 x 15.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	20.9	30	Grey	RG 150 100	→	2 300 302
			Brown	RB 150 100	→	2 300 303
200.0	41.9	30	Grey	RG 150 200	→	2 300 105
			Brown	RB 150 200	→	2 300 062
250.0	52.3	25	Grey	RG 150 250	→	2 300 106
			Brown	RB 150 250	→	2 300 063
300.0	62.8	20	Grey	RG 150 300	→	2 300 354
			Brown	RB 150 300	→	2 300 355

TIPS & TRICKS

The unique properties of hanit® make it perfect for deck or patio sub-structures:

- Can handle permanently wet or damp conditions
- Non-absorbent: no creeping damp or capillary effect
- Can be worked like wood using the same tools and techniques
- Sub-structures made from hanit® can also be used with wooden decking boards

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hanit® ULTRA SQUARE PROFILE

The special profile



Colours

5.0 x 5.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	6.5	190	Brown	INT 012 MBR	→	2 300 389
			Black	INT 012 BLK	→	2 300 390

6.2 x 6.2 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
210.0	8.0	150	Brown	INT 922 MBR	→	2 300 391
			Black	INT 922 BLK	→	2 300 400

8.0 x 8.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	18.5	72	Brown	INT 038 MBR	→	2 300 403
			Black	INT 038 BLK	→	2 300 404

10.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	14.3	50	Brown	INT 917 MBR	→	2 300 409
			Black	INT 917 BLK	→	2 300 410
175.0	16.6	50	Brown	INT 918 MBR	→	2 300 407
			Black	INT 918 BLK	→	2 300 408
300.0	28.5	50	Brown	INT 036 MBR	→	2 300 405
			Black	INT 036 BLK	→	2 300 406

THIS APPLIES TO ALL hanit® ULTRA PRODUCTS

» Specially formulated for a smoother look and wider spans



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

STANDARD SHEET

Virtually limitless uses as a building material



Colours

Thickness: 2.5 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	100.0	23.2	20	Grey	POG 100 100 025	→	2 400 033
				Brown	POB 100 100 025	→	2 400 035
105.0	205.0	51.0	10	Grey	POG 200 100 025	→	2 400 013
				Brown	POB 200 100 025	→	2 400 031

Thickness: 5.0 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	150.0	27.9	40	Grey	POG 04 015 005	→	2 400 036
40.0	175.0	32.6	40	Grey	POG 04 017 505	→	2 400 004
40.0	200.0	37.2	20	Grey	POG 04 020 005	→	2 400 008



PRODUCT INFO

- Can be cut, screwed and drilled just like wood
- Can be cut to shape
- Surface finish and colour may vary slightly

FOUNDATION PAD

With and without holes



Colour

Thickness: 2.0 cm, with holes

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	40.0	3.0	150	Grey	PMG 04004 002	→	2 400 038

Thickness: 3.0 cm, with holes

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	40.0	4.5	150	Grey	PMG 04004 003	→	2 400 005

Thickness: 5.0 cm, with holes

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	40.0	7.5	120	Grey	PMG 04004 005	→	2 400 010
50.0	50.0	11.6	80	Grey	PMG 05005 005	→	2 400 050

Thickness: 7.0 cm, without holes

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	60.0	23.0	30	Grey	PMG 06006 007	→	2 400 029

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AMPHIBIAN GUARD / BANK REINFORCEMENT

Multi-purpose protection



Colours

Thickness: 2.5 /10 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
60.0	192.0	33.0	16	Grey	POG 192 060 025	→	2 400 021
				Brown	POB 190 060 025	→	2 400 026
80.0	192.0	44.0	16	Grey	POG 192 080 025	→	2 400 019
				Brown	POB 192 080 025	→	2 400 020



NOTE

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

BURROWING BARRIER

With recesses



Colour

Thickness: 2.5 cm

Length cm	Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	40.0	18.5	50	Grey	UGS 2 540 200	→	2 400 042
200.0	50.0	22.5	50	Grey	UGS 2 550 200	→	2 400 028



PRODUCT INFO

- Prevents burrowing animals
- Upper holes for attaching to chain link fence
- Lower holes for drainage

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

BOARD PROFILE

Standard



Colours

2.0 x 6.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	1.7	260	Grey	BG 2006 150	→	2 500 050
			Brown	BB 2006 150	→	2 500 010

2.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	1.5	240	Grey	BG 2010 080	→	2 500 051
			Brown	BB 2010 080	→	2 500 011
140.0	2.6	160	Grey	BG 2010 140	→	2 500 052
			Brown	BB 2010 140	→	2 500 012
200.0	3.7	160	Grey	BG 2010 200	→	2 500 053
			Brown	BB 2010 200	→	2 500 013
280.0	5.2	160	Grey	BG 2010 280	→	2 500 054
			Brown	BB 2010 280	→	2 500 014

2.0 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	7.4	120	Grey	BG 2020 200	→	2 500 733

2.5 x 5.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	3.5	300	Grey	BG 2505 300	→	2 500 266
			Brown	BB 2505 300	→	2 500 267



2.5 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	2.3	200	Grey	BG 2512 080	→	2 500 058
			Brown	BB 2512 080	→	2 500 018
140.0	3.9	120	Grey	BG 2512 140	→	2 500 059
			Brown	BB 2512 140	→	2 500 019
200.0	5.5	120	Grey	BG 2512 200	→	2 500 060
			Brown	BB 2512 200	→	2 500 020
280.0	7.9	120	Grey	BG 2512 280	→	2 500 061
			Brown	BB 2512 280	→	2 500 021

3.0 x 6.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	1.3	400	Grey	BG 3006 080	→	2 500 062
			Brown	BB 3006 080	→	2 500 022
140.0	2.3	260	Grey	BG 3006 140	→	2 500 315
			Brown	BB 3006 140	→	2 500 313
200.0	3.3	260	Grey	BG 3006 200	→	2 500 316
			Brown	BB 3006 200	→	2 500 314
280.0	4.7	260	Grey	BG 3006 280	→	2 500 262
			Brown	BB 3006 280	→	2 500 004

3.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	2.2	240	Grey	BG 3010 080	→	2 500 066
			Brown	BB 3010 080	→	2 500 025
140.0	3.9	160	Grey	BG 3010 140	→	2 500 107
			Brown	BB 3010 140	→	2 500 104
200.0	5.6	160	Grey	BG 3010 200	→	2 500 096
			Brown	BB 3010 200	→	2 500 105
280.0	7.8	160	Grey	BG 3010 280	→	2 500 108
			Brown	BB 3010 280	→	2 500 095

APPLIES TO ALL BOARD PROFILES

With hanit® products, dimensions (up to 3%) and colour can vary.

Take the temperature related length fluctuations during installation (up to +/- 1.5%) into account and enquire about the maximum span.

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3.0 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	16.7	60	Grey	BG 3020 300	→	2 500 727

3.5 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	3.2	200	Grey	BG 3512 080	→	2 500 070
			Brown	BB 3512 080	→	2 500 028
140.0	5.5	120	Grey	BG 3512 140	→	2 500 071
			Brown	BB 3512 140	→	2 500 029
200.0	7.8	120	Grey	BG 3512 200	→	2 500 072
			Brown	BB 3512 200	→	2 500 030
280.0	10.9	120	Grey	BG 3512 280	→	2 500 073
			Brown	BB 3512 280	→	2 500 031

3.5 x 13.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	3.6	180	Grey	BG 3513 080	→	2 500 074
			Brown	BB 3513 080	→	2 500 032
140.0	6.3	120	Grey	BG 3513 140	→	2 500 109
			Brown	BB 3513 140	→	2 500 115
200.0	9.0	120	Grey	BG 3513 200	→	2 500 106
			Brown	BB 3513 200	→	2 500 116
280.0	12.6	120	Grey	BG 3513 280	→	2 500 097
			Brown	BB 3513 280	→	2 500 114

4.0 x 8.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	2.4	180	Grey	BG 4080 080	→	2 500 077
			Brown	BB 4080 080	→	2 500 035
140.0	4.2	120	Grey	BG 4080 140	→	2 500 185
			Brown	BB 4080 140	→	2 500 186
200.0	6.0	120	Grey	BG 4080 200	→	2 500 121
			Brown	BB 4080 200	→	2 500 243
280.0	8.4	120	Grey	BG 4080 280	→	2 500 002
			Brown	BB 4080 280	→	2 500 003

4.5 x 10.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	3.5	150	Grey	BG 4510 080	→	2 500 080
			Brown	BB 4510 080	→	2 500 038
140.0	6.2	120	Grey	BG 4510 140	→	2 500 245
			Brown	BB 4510 140	→	2 500 252
200.0	8.9	120	Grey	BG 4510 200	→	2 500 247
			Brown	BB 4510 200	→	2 500 246
280.0	12.4	120	Grey	BG 4510 280	→	2 500 178
			Brown	BB 4510 280	→	2 500 179

5.0 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	4.5	150	Grey	BG 5012 080	→	2 500 086
			Brown	BB 5012 080	→	2 500 044
140.0	7.8	90	Grey	BG 5012 140	→	2 500 250
			Brown	BB 5012 140	→	2 500 248
200.0	11.1	90	Grey	BG 5012 200	→	2 500 251
			Brown	BB 5012 200	→	2 500 249
280.0	15.6	90	Grey	BG 5012 280	→	2 500 173
			Brown	BB 5012 280	→	2 500 172

5.0 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	27.9	40	Grey	BG 5020 300	→	2 520 208

6.0 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	5.4	150	Grey	BG 6012 080	→	2 500 090
			Brown	BB 6012 080	→	2 500 047
140.0	9.4	90	Grey	BG 6012 140	→	2 500 093
			Brown	BB 6012 140	→	2 500 177
200.0	13.4	90	Grey	BG 6012 200	→	2 500 174
			Brown	BB 0612 200	→	2 500 163
280.0	18.8	90	Grey	BG 6012 280	→	2 500 159
			Brown	BB 6012 280	→	2 500 160



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hanit® ULTRA BOARD PROFILE

Premium quality, through and through



Colours

1.9 x 14.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
183.0	4.5	150	Brown	INT 303 MBR	→	2 501 234
			Black	INT 303 BLK	→	2 501 233
250.0	6.0	150	Brown	INT 304 MBR	→	2 501 164
			Black	INT 304 BLK	→	2 501 163

2.5 x 7.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
275.0	5.5	195	Brown	INT 752 MBR	→	2 500 590
			Black	INT 752 BLK	→	2 500 589

2.5 x 15.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	10.7	90	Brown	INT 029 MBR	→	2 500 591
			Black	INT 029 BLK	→	2 500 592

3.0 x 15.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	11.0	90	Brown	INT 914 MBR	→	2 501 166
			Black	INT 914 BLK	→	2 501 165

3.5 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
360.0	11.9	80	Brown	INT 060 MBR	→	2 500 594
			Black	INT 060 BLK	→	2 500 596

3.8 x 9.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	8.4	150	Brown	INT 923 MBR	→	2 500 597
			Black	INT 923 BLK	→	2 500 598
360.0	12.6	100	Brown	INT 944 MBR	→	2 501 048
			Black	INT 944 BLK	→	2 501 049

3.8 x 14.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
240.0	12.0	75	Brown	INT 308 MBR	→	2 501 056
			Black	INT 308 BLK	→	2 501 055

5.0 x 7.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	8.0	130	Brown	INT 913 MBR	→	2 500 599
			Black	INT 913 BLK	→	2 500 600

5.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	14.3	60	Brown	INT 003 MBR	→	2 500 601
			Black	INT 003 BLK	→	2 500 602
360.0	17.2	60	Brown	INT 953 MBR	→	2 501 167
			Black	INT 953 BLK	→	2 501 168

5.0 x 12.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	17.8	56	Brown	INT 005 MBR	→	2 500 603
			Black	INT 005 BLK	→	2 500 604

5.0 x 15.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	21.4	60	Brown	INT 007 MBR	→	2 500 606
			Black	INT 007 BLK	→	2 500 608

6.0 x 10.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
300.0	17.1	60	Brown	INT 006 MBR	→	2 500 609
			Black	INT 006 BLK	→	2 500 610



THIS APPLIES TO ALL HANIT® ULTRA PRODUCTS

» Specially formulated for a smoother look and wider spans

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BOARD PROFILE

With tongue and groove



Colours

3.0 x 12.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	2.8	180	Grey	NG 3012 080	→	2 600 015
			Brown	NB 3012 080	→	2 600 005
140.0	4.9	120	Grey	NG 3012 140	→	2 600 027
			Brown	NB 3012 140	→	2 600 032
200.0	7.0	120	Grey	NG 3012 200	→	2 600 028
			Brown	NB 3012 200	→	2 600 033
280.0	9.8	120	Grey	NG 3012 280	→	2 600 029
			Brown	NB 3012 280	→	2 600 034

3,4 x 14,7 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
305.0	13.2	90	Grey	NG 3414 300	→	2 601 074

4.2 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	20.0	60	Grey	UG 4220 250	→	2 600 215
			Brown	UB 4220 250	→	2 600 216

4.5 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
80.0	4.0	90	Grey	NG 4512 080	→	2 600 019
			Brown	NB 4512 080	→	2 600 009
140.0	7.0	90	Grey	NG 4512 140	→	2 600 030
			Brown	NB 4512 140	→	2 600 035
200.0	10.0	90	Grey	NG 4512 200	→	2 600 022
			Brown	NB 4512 200	→	2 600 012
280.0	14.0	90	Grey	NG 4512 280	→	2 600 025
			Brown	NB 4512 280	→	2 600 026

hanit® ULTRA BOARD PROFILE

With tongue and groove



Colours

2.8 x 14.7 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
360.0	12.4	98	Brown	INT 951 MBR	→	2 501 170
			Black	INT 951 BLK	→	2 501 169

3.4 x 14.7 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
260.0	11.9	90	Brown	INT 035 MBR	→	2 500 611
			Black	INT 035 BLK	→	2 500 612
305.0	14.0	77	Brown	INT 938 MBR	→	2 500 443
			Black	INT 938 BLK	→	2 500 444

APPLIES TO ALL BOARD PROFILES

With hanit® products, dimensions (up to 3%) and colour can vary.

Take the temperature related length fluctuations during installation (up to +/- 1.5%) into account and enquire about the maximum span.

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BOARD PROFILE

Standard, reinforced



Colours

4.2 x 12.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	14.2	60	Grey	BGE 4212 250	→	2 500 640
			Brown	BBE 4212 250	→	2 500 798

End cap including screws

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
4.2 x 2 x 12.0	0.05	Grey	AKG 422 120	→	2 501 116
		Brown	AKB 422 120	→	2 501 118

NOTE

- For superior strength, profiles are reinforced with rectangular galvanised steel pipe
- Can span widths of up to 250 cm
- Reinforced profiles have built-in expansion chambers (with lamellar plugs)
- Ideal for permanent fences
- Rounded edges – no risk of injury
- When cutting boards, we recommend end caps for the cut edges



BOARD PROFILE

Reinforced tongue and groove



Colours

4.2 x 20.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
250.0	22.5	60	Grey	AG 4220 250	→	2 600 048
			Brown	AB 4220 250	→	2 600 047

APPLIES TO ALL BOARD PROFILES

With hanit® products, dimensions (up to 3%) and colour can vary.

Take the temperature related length fluctuations during installation (up to +/- 1.5%) into account and enquire about the maximum span.

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STALL BOARD

With tongue and groove



Colours

2.8 x 13.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
280.0	9.5	120	Grey	NG 2813 280	→	2 600 213
			Brown	NB 2813 280	→	2 600 214

3.8 x 13.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
280.0	13.0	120	Grey	NG 3813 280	→	2 600 209
			Brown	NB 3813 280	→	2 600 210



NOTE

With a board width of 13 cm, it takes approx. 7.7 boards to make a running metre.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.







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02
FENCING AND BARRIERS

The best choice!

Conditions outside are tough. Cold, damp, heat, UV and pollution all take their toll on traditional materials. Metal rusts, concrete weathers and wood decays.

None of these problems affect hanit®. It doesn't need to be replaced, repaired or maintained. Over the lifetime of the product, our posts, piles and fencing represent excellent value for money.

- **Weather resistant**
- **High breaking strength**
- **Easy processing**
- **Maintenance-free**
- **Systems with extensive accessories**

AGRICULTURE



PASTURE



URBAN APPLICATIONS



PRIVACY FENCE



Posts and cross-profile stakes

» Round posts ..... *p. 44-46*
» Round posts, reinforced ..... *p. 47*
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» Square posts, reinforced ..... *p. 49*
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Bollards

» Diamond head bollard ..... *p. 50*
» Pyramid head bollard ..... *p. 51*
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Fence construction and barriers

» Pales and posts ..... *p. 53*
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View protection

» Louvered Fence ..... *p. 64*
» Privacy fence ..... *p. 65*

ROUND POST

When it needs to last



Colours

Ø 4.5 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
85.0	1.3	300	Grey	SG 045 085	→	3 000 083
			Brown	SB 045 085	→	3 000 148
100.0	1.5	300	Grey	SG 045 100	→	3 000 165
			Brown	SB 045 100	→	3 000 147
130.0	1.9	165	Grey	SG 045 130	→	3 000 084
			Brown	SB 045 130	→	3 000 027
150.0	2.2	165	Grey	SG 045 150	→	3 000 085
			Brown	SB 045 150	→	3 000 028
175.0	2.6	165	Grey	SG 045 175	→	3 000 008
			Brown	SB 045 175	→	3 000 003

Ø 6.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	3.9	125	Grey	SG 060 150	→	3 000 089
			Brown	SB 060 150	→	3 000 032
175.0	4.6	125	Grey	SG 060 175	→	3 000 090
			Brown	SB 060 175	→	3 000 033
200.0	5.3	125	Grey	SG 060 200	→	3 000 091
			Brown	SB 060 200	→	3 000 034

Ø 7.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	5.4	74	Grey	SG 070 150	→	3 000 095
			Brown	SB 070 150	→	3 000 038
175.0	6.3	74	Grey	SG 070 175	→	3 000 145
			Brown	SB 070 175	→	3 000 146
200.0	7.2	74	Grey	SG 070 200	→	3 000 098
			Brown	SB 070 200	→	3 000 040
225.0	8.1	74	Grey	SG 070 225	→	3 000 009
			Brown	SB 070 225	→	3 000 004
250.0	9.0	74	Grey	SG 070 250	→	3 000 010
			Brown	SB 070 250	→	3 000 005



TIPS & TRICKS

- » hanit® round posts are as easy to work with as wood
- » For electric fence insulators, pre-drill the post and screw in
- » Easily cut to an angle
- » Signs and notices can be easily attached with screws

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.



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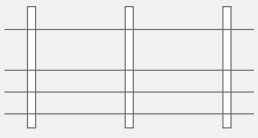


Ø 8.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
75.0	3.5	95	Grey	SG 080 075	→	3 000 100
			Brown	SB 080 075	→	3 000 042
125.0	5.8	60	Grey	SG 080 125	→	3 000 102
			Brown	SB 080 125	→	3 000 044
150.0	7.0	60	Grey	SG 080 150	→	3 000 103
			Brown	SB 080 150	→	3 000 045
175.0	8.2	60	Grey	SG 080 175	→	3 000 104
			Brown	SB 080 175	→	3 000 046
200.0	9.3	60	Grey	SG 080 200	→	3 000 106
			Brown	SB 080 200	→	3 000 047
225.0	10.5	60	Grey	SG 080 225	→	3 000 108
			Brown	SB 080 225	→	3 000 048
250.0	11.7	60	Grey	SG 080 250	→	3 000 109
			Brown	SB 080 250	→	3 000 049
280.0	13.1	60	Grey	SG 080 280	→	3 000 011
			Brown	SB 080 280	→	3 000 006

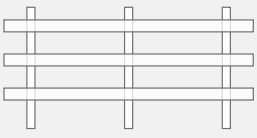
Ø 10.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
75.0	5.5	53	Grey	SG 100 075	→	3 000 113
			Brown	SB 100 075	→	3 000 053
125.0	9.1	33	Grey	SG 100 125	→	3 000 115
			Brown	SB 100 125	→	3 000 055
150.0	11.0	33	Grey	SG 100 150	→	3 000 116
			Brown	SB 100 150	→	3 000 056
175.0	12.8	33	Grey	SG 100 175	→	3 000 117
			Brown	SB 100 175	→	3 000 057
200.0	14.6	33	Grey	SG 100 200	→	3 000 118
			Brown	SB 100 200	→	3 000 058
230.0	16.8	33	Grey	SG 100 230	→	3 000 120
			Brown	SB 100 230	→	3 000 060
250.0	18.3	33	Grey	SG 100 250	→	3 000 122
			Brown	SB 100 250	→	3 000 062
280.0	20.4	33	Grey	SG 100 280	→	3 000 125
			Brown	SB 100 280	→	3 000 064

RECOMMENDED FENCE HEIGHTS

Fence with posts and four wires



Fence with posts and three bars / rails



» When choosing post lengths, follow the general rule: 1/3 below ground, 2/3 above ground.

» For taller posts, use larger post diameters / dimensions.

Our recommended fence heights and types vary depending on the type of animal:

Animal	No. wires / bars	Height approx. in cm
Cows	2	60 / 90
Beef cattle and suckler cows	3	45 / 75 / 105
Small horses and ponies[1]	3	45 / 75 / 120
Horses[1]	3	60 / 100 / 140
Sheep and goats[1]	5	15 / 30 / 50 / 65 / 90
Poultry[2]	4	20 / 40 / 60 / 85
Pigs	4	15 / 30 / 50 / 70

[1] Height may have to be adjusted according to how high the animals can jump.
[2] Height may have to be adjusted according to flight ability.

The heights and recommendations above are a rough guide. Every fence should be given individual consideration.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



Ø 12.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	13.1	28	Grey	SG 120 125	→	3 000 128
			Brown	SB 120 125	→	3 000 067
150.0	15.8	28	Grey	SG 120 150	→	3 000 129
			Brown	SB 120 150	→	3 000 068
175.0	18.4	28	Grey	SG 120 175	→	3 000 130
			Brown	SB 120 175	→	3 000 069
200.0	21.0	28	Grey	SG 120 200	→	3 000 131
			Brown	SB 120 200	→	3 000 070
225.0	23.7	28	Grey	SG 120 225	→	3 000 132
			Brown	SB 120 225	→	3 000 071
250.0	26.3	28	Grey	SG 120 250	→	3 000 133
			Brown	SB 120 250	→	3 000 072
280.0	29.4	28	Grey	SG 120 280	→	3 000 012
			Brown	SB 120 280	→	3 000 007

Ø 15.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	20.6	30	Grey	SG 150 125	→	3 000 137
			Brown	SB 150 125	→	3 000 076
150.0	24.7	30	Grey	SG 150 150	→	3 000 138
			Brown	SB 150 150	→	3 000 077
175.0	28.8	30	Grey	SG 150 175	→	3 000 139
			Brown	SB 150 175	→	3 000 078
200.0	32.8	30	Grey	SG 150 200	→	3 000 140
			Brown	SB 150 200	→	3 000 079
225.0	37.0	30	Grey	SG 150 225	→	3 000 141
			Brown	SB 150 225	→	3 000 080
250.0	41.1	30	Grey	SG 150 250	→	3 000 142
			Brown	SB 150 250	→	3 000 081
280.0	46.0	30	Grey	SG 150 280	→	3 000 143
			Brown	SB 150 280	→	3 000 082

NOTE

We offer piles with a diameter of 20 cm and a length of up to 600 cm. Further information about this product can be found in chapter 3 on page 74.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.



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ROUND POST, REINFORCED

Even stronger, even better



Colours

Ø 8.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	10.6	60	Grey	EG 080 200	→	3 000 193
			Brown	EB 080 200	→	3 000 197
225.0	12.0	60	Grey	EG 080 225	→	3 000 196
			Brown	EB 080 225	→	3 000 198
250.0	13.3	60	Grey	EG 080 250	→	3 000 021
			Brown	EB 080 250	→	3 000 018
275.0	14.5	60	Grey	EG 080 275	→	3 000 022
			Brown	EB 080 275	→	3 000 019
290.0	15.3	60	Grey	EG 080 290	→	3 000 023
			Brown	EB 080 290	→	3 000 020

Ø 8.0 cm, with bevel (as brace)						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
225.0	12.0	60	Grey	GS 080 225	→	3 000 195
			Brown	BS 080 225	→	3 000 200
250.0	13.3	60	Grey	GS 080 250	→	3 000 024
			Brown	BS 080 250	→	3 000 015
275.0	14.5	60	Grey	GS 080 275	→	3 000 025
			Brown	BS 080 275	→	3 000 016



TECHNICAL DATA OF REINFORCEMENT

Steel tubing: S235

Diameter: approx. 26.9 mm

Wall thickness: approx. 2 mm

To accommodate the different expansion rates of steel and recycled plastic, our reinforced profiles have a built-in expansion chamber that is closed with a plug.





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SQUARE POST

Multi-purpose



Colours

5.0 x 5.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
125.0	2.8	240	Grey	VG 050 125	→	3 200 089
			Brown	VB 050 125	→	3 200 088
150.0	3.4	240	Grey	VG 050 150	→	3 200 090
			Brown	VB 050 150	→	3 200 095

7.0 x 7.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	4.5	121	Grey	VG 070 100	→	3 200 041
			Brown	VB 070 100	→	3 200 047
125.0	5.7	55	Grey	VG 070 125	→	3 200 042
			Brown	VB 070 125	→	3 200 048
150.0	6.8	55	Grey	VG 070 150	→	3 200 038
			Brown	VB 070 150	→	3 200 049
175.0	8.0	55	Grey	VG 070 175	→	3 200 043
			Brown	VB 070 175	→	3 200 050
200.0	9.1	55	Grey	VG 070 200	→	3 200 039
			Brown	VB 070 200	→	3 200 033
225.0	10.2	55	Grey	VG 070 225	→	3 200 044
			Brown	VB 070 225	→	3 200 051

9.0 x 9.0 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	7.5	130	Grey	VG 090 100	→	3 200 021
			Brown	VB 090 100	→	3 200 005
125.0	9.4	45	Grey	VG 090 125	→	3 200 022
			Brown	VB 090 125	→	3 200 006
150.0	11.3	45	Grey	VG 090 150	→	3 200 023
			Brown	VB 090 150	→	3 200 007
175.0	13.2	45	Grey	VG 090 175	→	3 200 024
			Brown	VB 090 175	→	3 200 008
200.0	15.1	45	Grey	VG 090 200	→	3 200 025
			Brown	VB 090 200	→	3 200 009
225.0	16.9	45	Grey	VG 090 225	→	3 200 026
			Brown	VB 090 225	→	3 200 010
250.0	18.8	45	Grey	VG 090 250	→	3 200 028
			Brown	VB 090 250	→	3 200 012
280.0	21.1	45	Grey	VG 090 280	→	3 200 029
			Brown	VB 090 280	→	3 200 013





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SQUARE POST, REINFORCED

The especially sturdy one



Colours

9.0 x 9.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	15.8	45	Grey	AG 090 200	→	3 200 075
			Brown	AB 090 200	→	3 200 078
225.0	17.9	45	Grey	AG 090 225	→	3 200 074
			Brown	AB 090 225	→	3 200 079
250.0	20.0	45	Grey	AG 090 250	→	3 200 076
			Brown	AB 090 250	→	3 200 080
275.0	22.1	45	Grey	AG 090 275	→	3 200 077
			Brown	AB 090 275	→	3 200 081
290.0	23.9	45	Grey	AG 090 290	→	3 200 068
			Brown	AB 090 290	→	3 200 082



TECHNICAL DATA OF REINFORCEMENT

Steel tubing: S235

Diameter: approx. 26.9 mm

Wall thickness: approx. 2 mm

To accommodate the different expansion rates of steel and recycled plastic, our reinforced profiles have a built-in expansion chamber that is closed with a plug.

CROSS-PROFILE STAKE

With point



Colours

7.0 x 7.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	2.8	120	Grey	KG 070 150	→	3 400 005
			Brown	KB 070 150	→	3 400 001
175.0	3.3	120	Grey	KG 070 175	→	3 400 006
			Brown	KB 070 175	→	3 400 002
200.0	3.7	120	Grey	KG 070 200	→	3 400 007
			Brown	KB 070 200	→	3 400 003



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

DIAMOND HEAD BOLLARD

Hollow profile, with or without reflectors



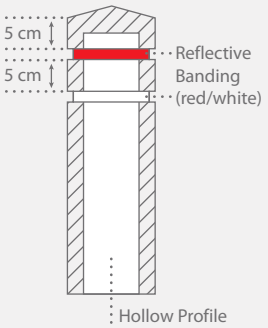
Colours

14.0 x 14.0 cm, without reflector strips

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
140.0	17.0	48	Brown	PDHB 14 140	→	3 500 045
			Black	PDH 14 140	→	3 500 048

14.0 x 14.0 cm, with 2 reflector strips

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
140.0	17.0	48	Brown	PDHB 14 140 A	→	3 500 046
			Black	PDH 14 140 A	→	3 500 049



INFO

The bollards are available with or without reflector strips. Only the bollards with the reflector strips are routed.

Strip at top: 1.5 cm, red

Strip at bottom: 1.5 cm, white







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PYRAMID HEAD BOLLARD

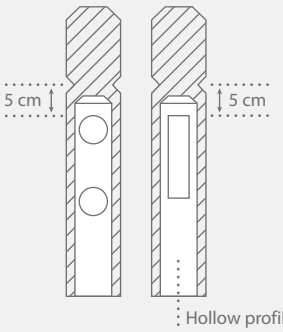
Hollow profile, with reflectors



Colours

12.0 x 12.0 cm, including reflectors

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
160.0	13.9	49	Brown	PBA 1212 160 A	→	3 500 059



INFO

The bollard is equipped with two round reflectors (ø 6 cm) and a rectangular reflector (4 x 18 cm).







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

DOME SHAPED BOLLARD

Hollow profile, with or without reflectors



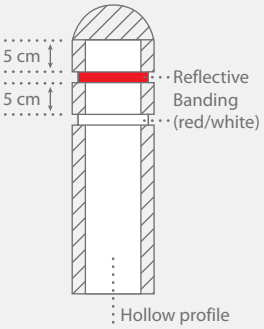
Colours

Ø 15.0 cm, without reflector strips

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	14.0	30	Grey	PGH 15 150	→	3 500 050
			Brown	PBH 15 150	→	3 500 051

Ø 15.0 cm, with 2 reflector strips

Height cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
150.0	14.0	30	Grey	PGH 15 150 A	→	3 500 052
			Brown	PBH 15 150 A	→	3 500 053



INFO

The bollards are available with or without reflector strips. Only the bollards with the reflector strips are routed.

Strip at top: 1.5 cm, red

Strip at bottom: 1.5 cm, white







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PALE AND POST

With rounded head



Colours

2.0 x 6.0 cm

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
60.0	0.7	Grey	ZG 2006 060	→	3 600 044
		Brown	ZB 2006 060	→	3 600 016
80.0	0.9	Grey	ZG 2006 080	→	3 600 045
		Brown	ZB 2006 080	→	3 600 017
100.0	1.1	Grey	ZG 2006 100	→	3 600 046
		Brown	ZB 2006 100	→	3 600 018
120.0	1.3	Grey	ZG 2006 120	→	3 600 047
		Brown	ZB 2006 120	→	3 600 019
150.0	1.7	Grey	ZG 2006 150	→	3 600 048
		Brown	ZB 2006 150	→	3 600 020

3.0 x 10.0 cm

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
60.0	1.7	Grey	ZG 3010 060	→	3 600 050
		Brown	ZB 3010 060	→	3 600 021
80.0	2.2	Grey	ZG 3010 080	→	3 600 051
		Brown	ZB 3010 080	→	3 600 022
100.0	2.8	Grey	ZG 3010 100	→	3 600 124
		Brown	ZB 3010 100	→	3 600 023
120.0	3.3	Grey	ZG 3010 120	→	3 600 052
		Brown	ZB 3010 120	→	3 600 024
150.0	4.2	Grey	ZG 3010 150	→	3 600 053
		Brown	ZB 3010 150	→	3 600 025

9.0 x 9.0 cm

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
75.0	5.6	Grey	ZG 0909 075	→	3 600 038
		Brown	ZB 0909 075	→	3 600 010
100.0	7.5	Grey	ZG 0909 100	→	3 600 039
		Brown	ZB 0909 100	→	3 600 011
125.0	9.4	Grey	ZG 0909 125	→	3 600 040
		Brown	ZB 0909 125	→	3 600 012
150.0	11.3	Grey	ZG 0909 150	→	3 600 041
		Brown	ZB 0909 150	→	3 600 013
175.0	13.2	Grey	ZG 0909 175	→	3 600 042
		Brown	ZB 0909 175	→	3 600 014
200.0	15.0	Grey	ZG 0909 200	→	3 600 043
		Brown	ZB 0909 200	→	3 600 015

Post 9.0 x 9.0 cm, reinforced, with bevelled edges

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
9.0	9.0	190.0	16.2	Brown	AB 090190 F	→	2 300 750
9.0	9.0	240.0	20.6	Brown	AB 090240 F	→	2 300 749

NOTE

Calling all DIYers! We don't just do bulk orders. We can supply single pales, posts, or panels to fit existing fence dimensions. This makes it easy to replace rotten wood or rusty metal with maintenance-free hanit®.

Recycled plastic profiles can be used as cross-bars but they are not always the right choice. Please contact HAHN for advice.



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hanit® ULTRA PALE

Perfectly coordinated with each other



Colours

2.5 x 10.0 cm, pale

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
90.0	2.1	Brown	INT 049 MBR	→	3 600 001
		Black	INT 049 BLK	→	3 600 008
120.0	2.9	Brown	INT 044 MBR	→	3 600 005
		Black	INT 044 BLK	→	3 600 004
180.0	4.3	Brown	INT 045 MBR	→	3 600 007
		Black	INT 045 BLK	→	3 600 006

3.5 x 10.0 cm, rail

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
360.0	11.9	Brown	INT 060 MBR	→	2 500 594
		Black	INT 060 BLK	→	2 500 596

5.0 x 10.0 cm, rail

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
300.0	14.3	Brown	INT 003 MBR	→	2 500 601
		Black	INT 003 BLK	→	2 500 602
360.0	17.2	Brown	INT 953 MBR	→	2 501 167
		Black	INT 953 BLK	→	2 501 168

NOTE

- Fence pales, posts and cross-bars available in black
- Profiles available up to 360 cm in length
- Smoother look
- hanit® Ultra can span wider gaps than standard hanit®
- Please note that the maximum span of 360 cm long profiles is 180 cm and for 300 cm long profiles the maximum span is 150 cm.



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hanit® ULTRA FENCE POST

With or without point



Colours

9.0 x 9.0 cm

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
244.0	17.0	Brown	INT 309 MBR	→	2 300 732
		Black	INT 309 BLK	→	2 300 733
305.0	21.0	Brown	INT 310 MBR	→	2 300 734
		Black	INT 310 BLK	→	2 300 735

10.0 x 10.0 cm

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	14.3	Brown	INT 917 MBR	→	2 300 409
		Black	INT 917 BLK	→	2 300 410
175.0	16.6	Brown	INT 918 MBR	→	2 300 407
		Black	INT 918 BLK	→	2 300 408
300.0	28.5	Brown	INT 036 MBR	→	2 300 405
		Black	INT 036 BLK	→	2 300 406

10.0 x 10.0 cm, with point

Height cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	15.5	Brown	INT 927 MBR	→	3 200 092
		Black	INT 927 BLK	→	3 200 091
175.0	18.1	Brown	INT 928 MBR	→	3 200 094
		Black	INT 928 BLK	→	3 200 093







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PASTURE FENCE

Ingeniously simple and simply robust



Colour

Field post 11.0 x 10.0 cm (for 3 cross-bars), reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
230.0	26.2	Brown	KPBA 1011 2303-LA	→	3 700 003

End post 11.0 x 10.0 cm (for 3 cross-bars), reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
230.0	24.7	Brown	KEBA 1011 2303	→	3 700 032

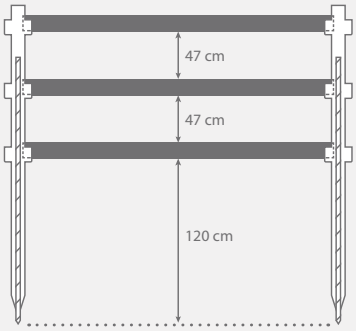
Field post 11.0 x 10.0 cm (for 5 cross-bars), reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
230.0	27.2	Brown	KPBA 1011 2305	→	3 700 045

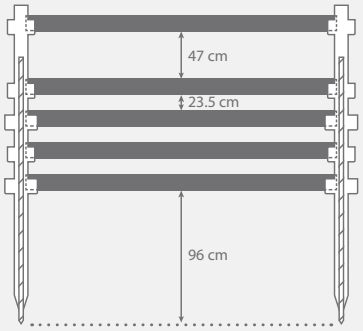
End post 11.0 x 10.0 cm (for 5 cross-bars), reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
230.0	25.4	Brown	KEBA 1011 2305	→	3 700 050

Fence with 3 cross-bars



Fence with 5 cross-bars



PRODUCT INFO

» **Cross-bar reinforcement**
Material: rectangular tubing, zinc-coated, S235
Section: 50 x 20 mm; Wall thickness: approx. 2.0 mm

» **Post reinforcement**
Material: steel tubing, zinc-coated, S235
Diameter: approx. 42.4 mm; Wall thickness: approx. 2.5 mm



NOTE

» Delivery includes screws for securing of cross-bars (quantity is dependent on the number of recesses)

» Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

» In cases of cross-bars being cut and where they will not be installed in the recesses, we recommend covering the cut edges with our covering cap for a safe and permanent closure.

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Cross-bar 4.2 x 12.0 cm, reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
250.0	14.2	Brown	BBE 4212 250	→	2 500 798

Connector right-angled 10.0 x 11.0 cm

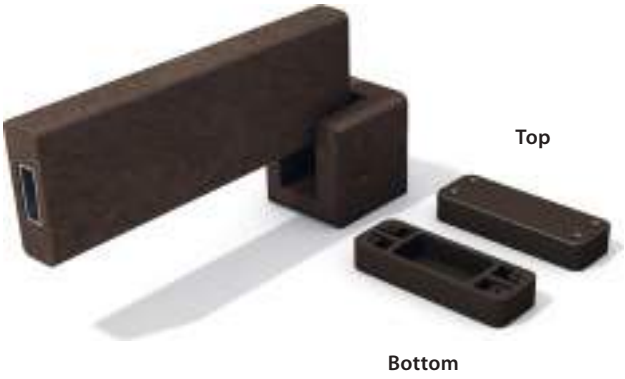
Length cm	Weight kg	Colour	Item No OLD		Item No NEW
11.0	0.8	Brown	KEB 1011 11	→	3 700 044

End cap 4.2 x 12.0 cm[1]

Thickness cm	Weight kg	Colour	Item No OLD		Item No NEW
2.0	0.05	Brown	AKB 422 120	→	2 501 118

[1] Delivery including assembly materials

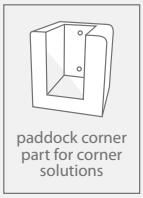








PRODUCT INFO



» **Corners for end posts**
Corners made easy! Simply attach corner pieces to an end post to create a right-angle.

» **Universal paddock corner**
With our universal paddock corner you can create corners other than the standard 90°. Contact us for more information.

Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

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PADDOCK GATE

Suitable for the pasture fence system



Colour

Gate single wing (for 3 cross-bars)

Width[1] cm	Height[2] cm	Weight kg	Colour	Item No OLD		Item No NEW
105.0	150.0	78.0	Brown	KTB 006	→	3 700 025
180.0	150.0	88.0	Brown	KTB 004	→	3 700 023

Gate double wing (for 3 cross-bars)

Width[1] cm	Height[2] cm	Weight kg	Colour	Item No OLD		Item No NEW
360.0	150.0	310.0	Brown	KTB 002	→	3 700 034

Gate single wing (for 5 cross-bars)

Width[1] cm	Height[2] cm	Weight kg	Colour	Item No OLD		Item No NEW
105.0	150.0	86.0	Brown	KTB 005	→	3 700 024
180.0	150.0	100.0	Brown	KTB 003	→	3 700 022

Gate double wing (for 5 cross-bars)

Width[1] cm	Height[2] cm	Weight kg	Colour	Item No OLD		Item No NEW
360.0	150.0	390.0	Brown	KTB 001	→	3 700 033

Gate post connector

Width cm	Height cm	Weight kg	Colour	Item No OLD		Item No NEW
10.0	11.0	0.8	Brown	KTB 1011 11	→	3 700 020



PRODUCT INFO

» **Gate posts**
Material: steel tubing, zinc-coated, S235
Section: 120 x 120 x 2,500 mm
Wall thickness: approx. 4 mm

Gate posts come with pre-installed hinges and have five mounting points (on two sides) for attaching gates. Unused mounting points should be closed with screws.

» **Cross-bar mount**
Used for mounting cross-bars on to gate posts.

The components above come with fixings and/or screws.

[1] Width gate wing

[2] Height above ground after installation



NOTE

» Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

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HANDRAIL SYSTEM MAXI

Support provided by flexible protection system



Colour

Support post round Ø 12 cm

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	15.8	Brown	PB 120 150	→	1 100 055

Cross-bar round Ø 12 cm, reinforced

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
250.0	29.0	Brown	PBE 120 250	→	3 700 021
280.0	32.6	Brown	PBE 120 280	→	3 700 029

Installation kit for one cross-bar[1]

Weight kg	Item No OLD		Item No NEW
1.0	PSBM-1	→	3 700 047

[1] Not Blue Angel eco-label certified

PRODUCT INFO

» Cross-bar reinforcement:
Material: Steel tubing, galvanised, S235
Diameter: approx. 42.4 mm
Wall thickness: approx. 2.5 mm

» When used as a railing, be sure to follow any relevant regulations.



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HANDRAIL SYSTEM EASY

Quick assembly due to plug-in-system



Colours

Field post Ø 15 cm

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	23.2	Brown	PBA 150 150	→	3 700 042

Cross-bar round Ø 8 cm

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
225.0	12.0	Brown	PBE 080 225	→	3 700 006

PRODUCT INFO

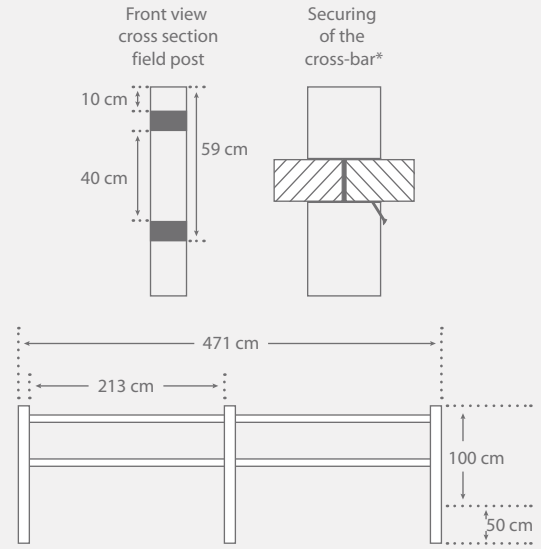


» Cross-bar reinforcement:
Material: Steel tubing, S235
Diameter: approx. 26.9 mm
Wall thickness: approx. 2 mm

» When used as a railing, be sure to follow any relevant regulations.

To accommodate the different expansion rates of steel and recycled plastic, our reinforced profiles have a built-in expansion chamber which is closed with a plug.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and can be downloaded from the selected product page.



* Securing using a screw from one side



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BARRIER

Bevelled at each end



Colours

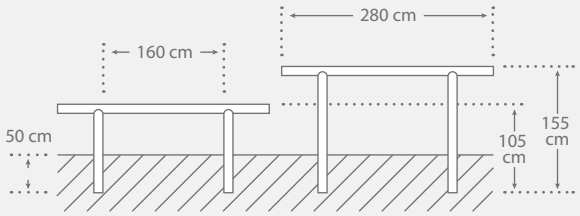
Complete kit (2 x support post, 1 x cross-bar reinforced, Ø 12 cm)						
Height cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
55.0[1] | 105.0[2]	280.0	52.0	Grey	ABG 120 280	→	3 800 004
			Brown	ABB 120 280	→	3 800 005
105.0[1] | 155.0[2]	280.0	64.0	Grey	ACG 120 280	→	3 800 006
			Brown	ACB 120 280	→	3 800 007

[1] Height after installation [2] Total height



NOTE

The saddle top posts are concreted into place about 50 cm deep with an inside spacing of 160 cm; the cross-member is placed onto these. Next, the cross-members and posts are bolted into place from underneath.



RAILING COMPONENTS

Almost as good as new

Cross-bar 4.2 x 12.0 cm, reinforced					
Length cm	Weight kg	Colour	Item No OLD		Item No NEW
260.0	14.6	Brown	BBE 4212 260	→	2 500 399

Cross-bar round Ø 12 cm, reinforced					
Length cm	Weight kg	Colour	Item No OLD		Item No NEW
250.0	29.0	Brown	PBE 120 250	→	3 700 021





Colour

NOTE

Railings made from steel and wood are often found in parks and parking areas. The steel frame/structure can last for many years but the wooden components soon need replacing or repairing.

Using hanit® to repair and replace old wood works like a maintenance-free upgrade. Round profiles are great for handrails and the board profiles work best as knee rails.

For maximum compatibility, our profiles come in the most commonly used sizes.

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hanit® ULTRA KNEE RAIL

Premium protection



Colours

Support post 10.0 x 10.0 cm, with V-shaped head

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
125.0	12.0	Brown	INT 925 MBR	→	2 300 411
		Black	INT 925 BLK	→	2 300 412

Cross-bar 8.0 x 8.0 cm

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
300.0	18.5	Brown	INT 038 MBR	→	2 300 403
		Black	INT 038 BLK	→	2 300 404

Support post 10.0 x 14.0 cm, with V-shaped head

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	14.2	Brown	INT 042 MBR	→	2 300 414
		Black	INT 042 BLK	→	2 300 413

Cross-bar 10.0 x 10.0 cm

Length cm	Weight kg	Colour	Item No OLD		Item No NEW
150.0	14.3	Brown	INT 917 MBR	→	2 300 409
		Black	INT 917 BLK	→	2 300 410
175.0	16.6	Brown	INT 918 MBR	→	2 300 407
		Black	INT 918 BLK	→	2 300 408
300.0	28.5	Brown	INT 036 MBR	→	2 300 405
		Black	INT 036 BLK	→	2 300 406

Fence strap (steel, galvanised)

Thickness cm	Width cm	Version	Item No OLD		Item No NEW
0.1	7.5	Standard	INT 950 S	→	2 300 723
	7.5	Classic	INT 950 C	→	2 300 724
	9.0	Strong	INT 950 H	→	2 300 725

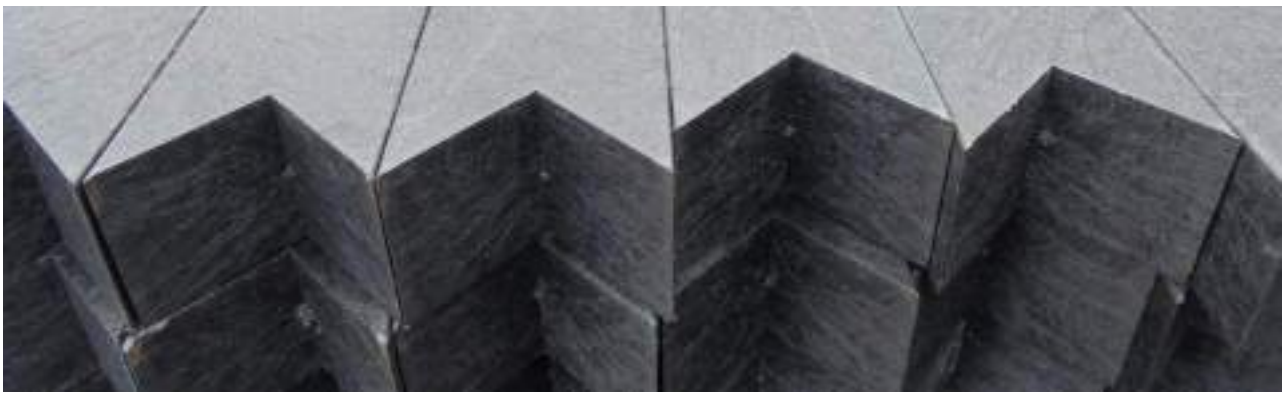
NOTE

The hanit® Ultra Knee Rail fence is available in the three types: "standard", "classic" and "strong" with the displayed components.

The posts must be installed 150 cm apart (at inside of posts). The cross-bar sits on top of the posts and is attached using a fence strap. The desired height above ground can also be achieved by cutting the posts or burying them deeper in the ground.



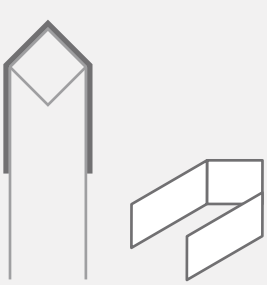
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FENCE STRAPS AND INSTALLATION EXAMPLES

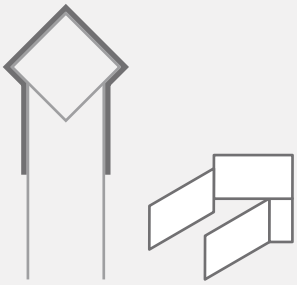


STANDARD

Little to no load, e.g. separation of flowerbeds along footpaths

Components:

Posts	10.0 x 10.0 x 125 cm
Cross-bars	8.0 x 8.0 x 300 cm

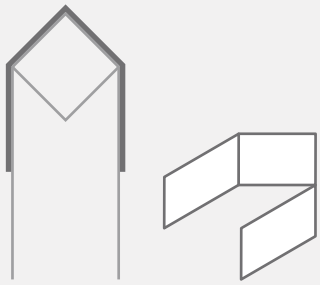


CLASSIC

Medium load, e.g. car parks or grassed areas in need of pedestrian routing

Components:

Posts	10.0 x 10.0 x 125 cm
Cross-bars	10.0 x 10.0 x 300 cm



STRONG

High load, e.g. car parks, parks and paths with constant or daily use

Components:

Posts	10.0 x 14.0 x 150 cm
Cross-bars	10.0 x 10.0 x 300 cm

Screws not included.

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LOUVERED FENCE

Modern Design



Colour

Field post

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	12.0	140.0	17.0	Grey	SGA 1212 140	→	4 000 023
12.0	12.0	187.5	22.5	Grey	SGA 1212 187	→	4 000 021

End post left[1]

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	12.0	140.0	18.6	Grey	SGB 1212 140	→	4 000 022
12.0	12.0	187.5	24.7	Grey	SGB 1212 187	→	4 000 028

End post right[1]

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	12.0	140.0	18.6	Grey	SGC 1212 140	→	4 000 031
12.0	12.0	187.5	24.7	Grey	SGC 1212 187	→	4 000 033

Corner board (without post)

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
3.5	12.0	138.0	3.9	Grey	SGD 3512 138	→	4 000 024
3.5	12.0	185.0	5.2	Grey	SGD 3512 185	→	4 000 034

Profile board

Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
4.2	12.0	250.0	14.2	Grey	BGE 4212 250	→	2 500 640

NOTE

Field and end posts are reinforced and will be delivered with a metal foot to be doweled on.

Corners can be created by using a corner board and an end post.

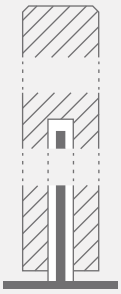
The boards are reinforced and are pushed and locked into the recesses of the posts during installation.

Number of boards required per section:
140 cm option = 8 boards
187.5 cm option = 11 boards

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and can be downloaded from the selected product page.

[1] External view of the end post

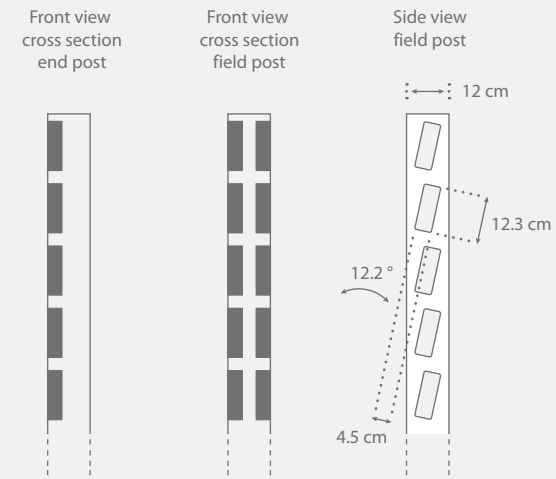




TECHNICAL DATA OF REINFORCEMENT

Steel tubing: S235
Diameter: approx. 42.4 mm
Wall thickness: approx. 2.5 mm

The reinforcement on the bottom end of the post has base plate measuring 180 x 160 x 6 mm. It has 4 holes each measuring Ø 12 mm.



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PRIVACY FENCE

Versatile and multi-purpose



Colours

Field post, reinforced

Thickness ft/in	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	16.0	250.0	43.5	Brown	SPA 1612 250	→	4 000 005

Corner post, reinforced

Thickness ft/in	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	16.0	250.0	42.0	Brown	SPB 1612 250	→	4 000 006

End post, reinforced

Thickness ft/in	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
12.0	16.0	250.0	48.0	Brown	SPC 1612 250	→	4 000 007

Centre support, grooved

Ø cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
10.0	50.0	3.7	Brown	MB 100 050	→	4 000 008

Tongue and groove boards

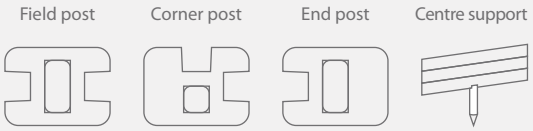
Thickness cm	Width cm	Length cm	Weight kg	Colour	Item No OLD		Item No NEW
3.8	13.0	190.0	8.7	Grey	NG 3813 190	→	2 600 521
				Brown	NB 3813 190	→	2 600 522

NOTE

Panel, corner and end posts are all supplied with end caps.

Number of tongue & groove boards per section: 15 pieces

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and can be downloaded from the selected product page.





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03
GROUNDWORK AND SURFACES

For the love of dry feet!

When grass, rain and people come together, you're going to get mud. For cases like these, we recommend our ground cover. Whether for campsites, riding arenas, car parks, exhibition sites, beer tents or construction sites, we have the right solution for you. Our footpath planks, decking boards, paddock slabs, hexagonal eco slabs and Hanpave™ will keep you on solid ground. All our products are robust and lightweight.

We make our decking, paving and slabs from heavy-duty hanit®. It's suitable for practically any purpose and can be laid quickly thanks to our effective linking system. Even large areas can be covered quickly and if used for temporary purposes, it can be removed just as easily.

- **Strong enough for heavy-duty use**
- **Quick and easy to install**
- **Can be used as temporary or permanent installations**
- **Lightweight**
- **Low transport costs due to high loading capacity**

FOOTBRIDGES, BOARDWALKS AND PATHS



BEACH AND DUNE PATHS



TERRACES, PATIOS AND DECKS



PARKING AREAS AND DRIVEWAYS



Footpath planks and decking

» Footpath planks with tongue and groove (with or without reinforcement) ..... *p. 68*
» Footpath planks standard (with or without reinforcement) ..... *p. 69-71*
» hanit® Ultra footpath planks ..... *p. 72*
» hanit® Ultra decking ..... *p. 72*
» Decking ..... *p. 73*
» Piles ..... *p. 74*
» Pre-assembled boardwalk elements ..... *p. 75*

Ground reinforcement

» Eco slabs ..... *p. 75*
» Paddock slabs ..... *p. 76*
» Hanpave™ ..... *p. 77*
» Heavy duty ground grids ..... *p. 78*
» Paving stone ..... *p. 79*

FOOTPATH PLANK

With tongue and groove



Colours

4.0 x 17.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	6.3	75	Grey	RGU 040 100	→	4 100 231
			Brown	RBU 040 100	→	4 100 297
150.0	9.5	75	Grey	RGU 040 150	→	4 100 230
			Brown	RBU 040 150	→	4 100 296
200.0	12.6	75	Grey	RGU 040 200	→	4 100 229
			Brown	RBU 040 200	→	4 100 233
250.0	15.8	75	Grey	RGU 040 250	→	4 100 113
			Brown	RBU 040 250	→	4 100 232
300.0	19.0	75	Grey	RGU 040 300	→	4 100 117
			Brown	RBU 040 300	→	4 100 112

4.0 x 17.0 cm, reinforced						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	7.4	75	Grey	RGA 040 100	→	4 100 298
			Brown	RBA 040 100	→	4 100 305
150.0	11.2	75	Grey	RGA 040 150	→	4 100 299
			Brown	RBA 040 150	→	4 100 304
200.0	14.9	75	Grey	RGA 040 200	→	4 100 300
			Brown	RBA 040 200	→	4 100 303
250.0	18.6	75	Grey	RGA 040 250	→	4 100 301
			Brown	RBA 040 250	→	4 100 302
300.0	22.4	65	Grey	RGA 040 300	→	4 100 153
			Brown	RBA 040 300	→	4 100 154

APPLICABLE FOR hanit® FOOTPATH PLANKS

Surface:
Grooved profile slip rating R1

Testing:
BGF-Testing in accordance with ZH1/571 and DIN 51130

Note expansion/contraction due to temperature fluctuations (up to +/- 1.5%) during installation.

The material is recycled plastic. Variation in the surface quality is not always be avoidable.



OVERVIEW OF SPANS

Floor surface			
Footpath plank (cm)	Material	Surface load: 3 kN/m² Concentrated load: 1,5 kN	Surface load: 5 kN/m² Concentrated load: 2 kN
4.0 x 17.0[1]	hanit®	*60 cm	60 cm
4.0 x 17.0 reinforced[1]	hanit®	*100 cm	*100 cm
4.0 x 19.7	hanit®	53 cm	46 cm
4.0 x 19.7 reinforced	hanit®	*80 cm	80 cm
4.8 x 16.5	hanit®	*60 cm	56 cm
4.8 x 16.5 reinforced	hanit®	*80 cm	80 cm
6.0 x 19.7	hanit®	*80 cm	80 cm
6.0 x 19.7 reinforced	hanit®	*100 cm	100 cm

[1] Two footpath planks each measuring 4.0 x 17.0 cm with tongue and groove were tested in combination | * Maximum span due to the creep properties

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FOOTPATH PLANK

Without tongue and groove



Colours

4.0 x 19.7 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	7.3	120	Grey	RGU 050 100	→	4 100 239
			Brown	RBU 050 100	→	4 100 243
150.0	11.0	60	Grey	RGU 050 150	→	4 100 240
			Brown	RBU 050 150	→	4 100 244
200.0	14.7	60	Grey	RGU 050 200	→	4 100 241
			Brown	RBU 050 200	→	4 100 245
250.0	18.3	60	Grey	RGU 050 250	→	4 100 242
			Brown	RBU 050 250	→	4 100 246
300.0	22.0	60	Grey	RGU 050 300	→	4 100 172
			Brown	RBU 050 300	→	4 100 247

4.0 x 19.7 cm, reinforced						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	8.4	120	Grey	RGA 050 100	→	4 100 248
			Brown	RBA 050 100	→	4 100 253
150.0	12.6	60	Grey	RGA 050 150	→	4 100 249
			Brown	RBA 050 150	→	4 100 254
200.0	16.9	60	Grey	RGA 050 200	→	4 100 250
			Brown	RBA 050 200	→	4 100 255
250.0	21.0	60	Grey	RGA 050 250	→	4 100 251
			Brown	RBA 050 250	→	4 100 256
300.0	25.2	56	Grey	RGA 050 300	→	4 100 252
			Brown	RBA 050 300	→	4 100 257

NOTE

- HAHN boards, square profiles, posts and beams will never rot and can be used with virtually any substructure design. Take a look at chapter 1 'Building and Construction' or contact us for expert advice.
- Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.





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4.8 x 16.5 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	7.3	75	Grey	RGU 048 100	→	4 100 213
			Brown	RBU 048 100	→	4 100 217
150.0	11.0	75	Grey	RGU 048 150	→	4 100 214
			Brown	RBU 048 150	→	4 100 218
200.0	14.7	75	Grey	RGU 048 200	→	4 100 215
			Brown	RBU 048 200	→	4 100 219
250.0	18.4	75	Grey	RGU 048 250	→	4 100 216
			Brown	RBU 048 250	→	4 100 220
300.0	22.0	65	Grey	RGU 048 300	→	4 100 143
			Brown	RBU 048 300	→	4 100 142

4.8 x 16.5 cm, reinforced						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	8.5	75	Grey	RGA 048 100	→	4 100 221
			Brown	RBA 048 100	→	4 100 225
150.0	12.8	75	Grey	RGA 048 150	→	4 100 222
			Brown	RBA 048 150	→	4 100 226
200.0	17.0	75	Grey	RGA 048 200	→	4 100 223
			Brown	RBA 048 200	→	4 100 227
250.0	21.3	65	Grey	RGA 048 250	→	4 100 224
			Brown	RBA 048 250	→	4 100 228
300.0	25.5	55	Grey	RGA 048 300	→	4 100 151
			Brown	RBA 048 300	→	4 100 152



OPTIONAL: RETROFITTED REINFORCEMENT

- Flat steel: 6 x 25 mm, galvanised
- Centered on the underside. Ends approx. 7 cm before end of profile
- Flat steel fixed with clips
- Double reinforcement available on request
- For footpath planks 6.0 x 19.7 cm stronger reinforcement for increased spans available on request





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6.0 x 19.7 cm

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	11.0	80	Grey	RGU 060 100	→	4 100 258
			Brown	RBU 060 100	→	4 100 261
150.0	16.5	40	Grey	RGU 060 150	→	4 100 259
			Brown	RBU 060 150	→	4 100 262
200.0	22.0	40	Grey	RGU 060 200	→	4 100 235
			Brown	RBU 060 200	→	4 100 263
250.0	27.5	40	Grey	RGU 060 250	→	4 100 260
			Brown	RBU 060 250	→	4 100 264
300.0	33.0	40	Grey	RGU 060 300	→	4 100 234
			Brown	RBU 060 300	→	4 100 265

6.0 x 19.7 cm, reinforced

Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	12.1	80	Grey	RGA 060 100	→	4 100 266
			Brown	RBA 060 100	→	4 100 271
150.0	18.1	40	Grey	RGA 060 150	→	4 100 267
			Brown	RBA 060 150	→	4 100 272
200.0	24.2	40	Grey	RGA 060 200	→	4 100 268
			Brown	RBA 060 200	→	4 100 273
250.0	30.2	40	Grey	RGA 060 250	→	4 100 269
			Brown	RBA 060 250	→	4 100 274
300.0	36.2	40	Grey	RGA 060 300	→	4 100 270
			Brown	RBA 060 300	→	4 100 275

TIPS & TRICKS

- For seasonal installation:
  Made to measure (length, width, height) pre-assembled boardwalk elements guarantee quick installation in spring and if required, swift storage in the winter months.
- Ready-assembled footpath sections consist of boards pre-installed on to beams.
- The beams are positioned so that each section pushes together easily.
- It's even quicker and easier when using our ready made boardwalk elements in standard dimensions (more on page 75).







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

hanit® ULTRA FOOTPATH PLANK

The permanent solution



Colours

3.8 x 15.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
360.0	19.5	60	Brown	INT 027 MBR	→	4 100 432
			Black	INT 027 BLK	→	4 100 431



APPLICABLE FOR ALL hanit® ULTRA PRODUCTS

» Specially formulated for a smoother look and wider spans

hanit® ULTRA DECKING

With a wood-like grain



Colours

2.7 x 15.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
360.0	13.0	60	Brown	INT 037 MBR	→	4 100 429
			Black	INT 037 BLK	→	4 100 430



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DECKING

Firm footing, every time



Colours

2.8 x 19.5 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	5.1	60	Brown	TB 2820 100	→	4 100 236
			Black	TS 2820 100	→	4 100 169
150.0	7.7	60	Brown	TB 2820 150	→	4 100 166
			Black	TS 2820 150	→	4 100 170
200.0	10.2	60	Brown	TB 2820 200	→	4 100 167
			Black	TS 2820 200	→	4 100 171
250.0	12.7	60	Brown	TB 2820 250	→	4 100 168
			Black	TS 2820 250	→	4 100 237
300.0	15.3	60	Brown	TB 2820 300	→	4 100 116
			Black	TS 2820 300	→	4 100 238



NOTE

» HAHN boards, square profiles, posts and beams will never rot and can be used with virtually any substructure design. Take a look at chapter 1 'Building and Construction' or contact us for expert advice.

» Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.





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PILE

Solid, stable support



Colours

Ø 20.0 cm						
Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
200.0	56.5	16	Grey	SG 200 200	→	3 000 217
			Brown	SB 200 200	→	3 000 208
250.0	71.0	16	Grey	SG 200 250	→	3 000 242
			Brown	SB 200 250	→	3 000 241
300.0	85.0	16	Grey	SG 200 300	→	3 000 218
			Brown	SB 200 300	→	3 000 224
350.0	99.1	8	Grey	SG 200 350	→	3 000 221
			Brown	SB 200 350	→	3 000 220
400.0	113.3	8	Grey	SG 200 400	→	3 000 219
			Brown	SB 200 400	→	3 000 225
450.0	127.5	8	Grey	SG 200 450	→	3 000 215
			Brown	SB 200 450	→	3 000 226
500.0	141.6	8	Grey	SG 200 500	→	3 000 210
			Brown	SB 200 500	→	3 000 227
550.0	155.8	8	Grey	SG 200 550	→	3 000 222
			Brown	SB 200 550	→	3 000 228
600.0	170.0	8	Grey	SG 200 600	→	3 000 223
			Brown	SB 200 600	→	3 000 229

NOTE

Piles with a diameter of 25 cm and a length of up to 600 cm are available on request.





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PRE-ASSEMBLED BOARDWALK ELEMENT

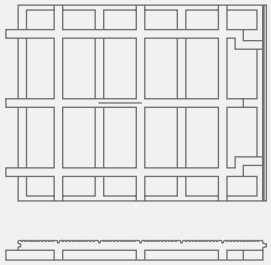
Click, click – done!



Colours

Length: 100 cm

Width cm	Thickness cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
100.0	8.0	34,9	10	Grey	SBE 1 G 100 100	→	4 100 291
				Brown	SBE 1 B 100 100	→	4 100 568
120.0	8.0	40,8	10	Grey	SBE 1 G 120 100	→	4 100 293
				Brown	SBE 1 B 120 100	→	4 100 474



ECO SLAB

Closed or slotted



Colours

Thickness: 4.0 cm, slotted

ø outer cm	ø inner cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
46.0	40.0	1.7	235	Grey	ÖGA 44 046	→	4 200 018
				Brown	ÖBA 44 046	→	4 200 016

Thickness: 4.0 cm, closed

ø outer cm	ø inner cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
46.0	40.0	1.7	235	Grey	ÖGZ 44 046	→	4 200 019
				Brown	ÖBZ 44 046	→	4 200 017



NOTE

1 sqm: Approx. 7 slabs

1 pallet: Approx. 33.5 sqm

With ribbed structure on the underside for increased stability.

Application: Ideal for temporary use at trade fairs, exhibitions and events.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PADDOCK SLAB

Agriculture and Livestock Management



Colour

Thickness: 4.0 cm							
Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	50.0	2.1	100	Black	PPS 05 004 004	→	4 200 028



NOTE

1 sqm:	Approx. 5 slabs
1 pallet:	Approx. 20 sqm
Sealed area:	Approx. 58%
Capacity[1]:	Approx. 0.03 m^3 per sqm
Load capacity:	SLW 60 according to DIN 1072
Application:	Ideal for paths, runouts, paddocks and feeding areas.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

[1] Up to upper edge of product





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

HANPAVE™

Parking and Path Construction



Colours

Thickness: 4.0 cm							
Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
33.3	33.3	0.5	468	Black	INT 0 100	→	4 200 035
				Green	INT 0 200	→	4 200 037

Marking element				
	Colour	Item No OLD		Item No NEW
	White	INT 0 130	→	4 200 041



NOTE

1 sqm:	Approx. 9 grids
1 pallet:	Approx. 56 sqm
Sealed area:	Approx. 27%
Capacity[1]:	Approx. 0.04 m^3 per sqm
Load capacity:	250 tons per sqm
Application:	Ideal for drives, parking areas, access roads and paths.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

[1] Up to upper edge of product



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

HEAVY DUTY GROUND GRID

With connection system



Colour

Thickness: 8.0 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	60.0	9.0	80	Grey	GH 084 060	→	4 200 030



NOTE

1 sqm:	Approx. 4.17 grids
1 pallet:	Approx. 19 sqm
Sealed area:	Approx. 47%
Capacity[1]:	Approx. 0.03 m^3 per sqm
Load capacity:	SLW 60 according to DIN 1072
Application:	Ideal for parking areas with frequent HGV use.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

[1] Up to upper edge of product



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PAVING STONE

With connection system



Colour

Thickness: 6.0 cm						
Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD	Item No NEW
50.0	50.0	8.4	60	Grey	PSG 06 054 054 →	4 200 038



NOTE

1 sqm:	Approx. 4 elements
1 pallet:	Approx. 15 sqm
Sealed area:	Approx. 85%
Capacity[1]:	Approx. 0.01 m^3 per sqm
Load capacity:	SLW 60 according to DIN 1072
Application:	Ideal for path design.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.

[1] Up to upper edge of product



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



04
OUTDOOR SPACES AND FURNITURE

Like new, year after year.

Rain, hail, snow, ice, heat, UV – the outdoor life can be tough for outdoor furniture. Paint starts to peel and wood starts to split. You need to invest time and money year after year to fight the elements and keep the weather at bay.

hanit® is weather-resistant. It shrugs off the rain and isn't affected by the cold. Imagine: no more maintenance. No more mothballing in winter. Just imagine how much time and money hanit® outdoor furniture could save. Timeless aesthetics without endless expenditure.

- **No maintenance costs**
- **Made for year-round use**
- **Single items and full modular systems**
- **For every purpose in any environment**

FURNITURE



BENCH BOARDS AND ACCESSORIES



PLANTERS



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TIVOLI SET

Ideal for any circumstances



Perfect in combination with
Tivoli, Canetti and Trinity

TIVOLI BENCH

Tivoli bench 1, width: 150 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 70 x 80	63.0	Brown	BTB 10 150	→	4 300 048

Tivoli bench 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 80	77.0	Brown	BAB 10 200	→	4 300 007
		Grey-Green	BGA 10 200	→	4 300 077
		Grey-Blue	BLA 10 200	→	4 300 073
		Grey-Red	BRC 10 200	→	4 300 084



Colours





CANETTI BENCH

Canetti bench 1, width: 150 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 35 x 45	40.0	Brown	BTO 10 150	→	4 300 049

Canetti bench 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 35 x 45	49.0	Brown	BAC 10 200	→	4 300 008
		Grey-Green	BGB 10 200	→	4 300 078
		Grey-Blue	BLB 10 200	→	4 300 074
		Grey-Red	BRD 10 200	→	4 300 085

Colours



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TIVOLI TABLE

Tivoli table 1, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 70 x 75	90.0	Brown	TTA 12 150	→	4 300 061

Tivoli table 2, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 75	112.0	Brown	TAA 12 200	→	4 300 056
		Grey-Green	TGA 12 200	→	4 300 079
		Grey-Blue	TLA 12 200	→	4 300 075
		Grey-Red	TRA 12 200	→	4 300 086



Colours





TRINITY TABLE

Trinity one-piece tabletop is the perfect alternative to traditional slatted designs.

Trinity table, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 75 x 75	113.0	Brown	TAB 40 200	→	4 300 116

Colour



PRODUCT INFO TIVOLI SET

- Board type: Premium
- Tivoli bench: 5 boards 150/200 x 10 x 4.7 cm
- Canetti bench: 3 boards 150/200 x 10 x 4.7 cm
- Seat height: 45 cm
- Tivoli table: 5 boards 150/200 x 12 x 4.7 cm
- Tabletop surface Tivoli: 150/200 x 70 cm
- Tabletop surface Trinity: 200 x 75 cm
- Table height: 75 cm

Optional accessories:

- **Ground anchor Type 1**
- **Armrest** Tivoli bench

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

HYDE PARK SET

The versatile seating group



HYDE PARK BENCH

Hyde Park bench 1, width: 165 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
165 x 56 x 95	69.0	Black-Brown	HPL 10 150	→	4 300 128

Hyde Park bench 2, width: 195 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
195 x 56 x 95	77.0	Black-Brown	HPL 10 180	→	4 300 129

Colour





NOTE

» To be secured to the ground



HYDE PARK BENCH WITHOUT BACKREST

Hyde Park bench without backrest 1, width: 165 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
165 x 46 x 48	48.0	Black-Brown	HPO 10 150	→	4 300 131

Hyde Park bench without backrest 2, width: 195 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
195 x 46 x 48	53.0	Black-Brown	HPO 10 180	→	4 300 130

Colour



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HYDE PARK TABLE

Hyde Park table 1, width: 165 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
165 x 90 x 80	111.0	Black-Brown	HPT 10 150	→	4 300 143

Hyde Park table 2, width: 195 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
195 x 90 x 80	124.0	Black-Brown	HPT 10 180	→	4 300 144



Colour



HYDE PARK BENCH EXTENSION MODULE

Hyde Park bench extension module 1, width: 155 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
155 x 46 x 48	41.0	Black-Brown	HPA 10 150	→	4 300 139

Hyde Park bench extension module 2, width: 185 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
185 x 46 x 48	47.0	Black-Brown	HPA 10 180	→	4 300 140

Colour



HYDE PARK BENCH CONNECTION MODULE

Hyde Park bench connection module 1, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 41 x 4,7	34.0	Brown	HPV 10 150	→	4 300 141

Hyde Park bench connection module 2, width: 180 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
180 x 41 x 4,7	41.0	Brown	HPV 10 180	→	4 300 142

Colour



PRODUCT INFO HYDE PARK SET

- Board type: Premium
- Bench with backrest: 7 boards 150/180 x 10 x 4.7 cm
- Bench without backrest: 4 boards 150/180 x 10 x 4.7 cm
- Seat height: 45 cm
- Table: 8 boards 150/180 x 10 x 4.7 cm
- Tabletop surface: 90 x 165/195 cm
- Table height: 80 cm
- To be secured to the ground

Optional accessories:

- **Ground anchor Type 1** (benches)
- **Ground anchor Type 3** (table)

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

CALERO SET

The modern set



CALERO BENCH

Calero bench, width: 150 cm					
Dimensions W x D x H; cm	**Weight** kg	**Colour**	**Item No** OLD		**Item No** NEW
150 x 40 x 45	74.0	Grey	BKG 09 150	→	4 300 126
		Brown	BKO 09 150	→	4 300 117
		Black	BKS 09 150	→	4 300 088
		Black-Grey	BKSG 09 150	→	4 300 094
		Black-Brown	BKSB 09 150	→	4 300 095



Colours





CALERO TABLE

Calero table, width: 150 cm					
Dimensions W x D x H; cm	**Weight** kg	**Colour**	**Item No** OLD		**Item No** NEW
150 x 67 x 75	161.0	Grey	TKG 09 150	→	4 300 127
		Brown	TKO 09 150	→	4 300 118
		Black	TKS 09 150	→	4 300 089
		Black-Grey	TKSG 09 150	→	4 300 111
		Black-Brown	TKSB 09 150	→	4 300 112

Colours



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CALERO BAR The outdoor bar that lasts

CALERO STOOL

Calero stool, width: 50 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
50 x 38 x 80	65.0	Grey	HCGG 09 080	→	4 300 158

Colour



CALERO HIGH TABLE

Calero high table, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 67 x 110	223.0	Grey	TCGG 09 150	→	4 300 159

Colour





PRODUCT INFO CALERO SET

- Bench:
  4 profiles 132 x 9 x 9 cm
- Seat height:
  45 cm
- Table:
  7 profiles 132 x 9 x 9 cm
- Tabletop surface:
  67 x 150 cm
- Table height:
  75 cm

- Stool:
  4 profiles 32 x 9 x 9 cm
- Seat height:
  80 cm
- High table:
  7 profiles 132 x 9 x 9 cm
- Tabletop surface:
  67 x 150 cm
- Table height:
  110 cm

Optional accessories:

- **Ground anchor Type 1**

NOTE

- High table can also be used as a year-round work table

Benches, tables and Calero bar are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

BAVARIA SET

The rustic set



Perfect in combination with
Bavaria, Mira, Waza and Treptow

BAVARIA BENCH

Bavaria bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 60 x 80	133.0	Brown	BSL 40 200	→	4 300 044



Colour





MIRA BENCH

Mira bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 40 x 47	75.0	Brown	BSO 40 200	→	4 300 046



Colour

PRODUCT INFO BAVARIA SET

- Board type:
  Compact
- Bench with backrest:
  seat board 200 x 40 x 7.5/6.5 cm
  back board 200 x 27.5 x 6.5/5.5 cm
- Bench without backrest:
  seat board 200 x 40 x 7.5/6.5 cm
- Seat height:
  47 cm
- Table:
  2 table boards 200 x 40 x 7.5/6.5 cm
- Tabletop surface: 80 x 200 cm
- Table height: 76 cm

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

MIRA TABLE

Mira table, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 80 x 76	171.0	Brown	TSH 40 200	→	4 300 060



Colour





WAZA BENCH

Waza bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 80	103.0	Brown	BKL 40 200	→	4 300 024

Colour



TREPTOW BENCH

Treptow bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 80	133.0	Brown	BHL 40 200	→	4 300 022



Colour



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

EIFEL SET

The set with straight lines



EIFEL BENCH

Eifel bench, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 63 x 84	115.0	Brown	BNA 05 200	→	4 300 030

Colour



EIFEL BENCH WITHOUT BACKREST

Eifel bench without backrest, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 41 x 45	76.0	Brown	BNA 03 200	→	4 300 029

Colour





EIFEL TABLE

Eifel table, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 76	152.0	Brown	TNA 12 200	→	4 300 057

Colour



PRODUCT INFO EIFEL SET

- Board type: Premium
- Bench with backrest: 5 boards 200 x 12 x 4.7 cm
- Bench without backrest: 3 boards 200 x 12 x 4.7 cm
- Seat height: 45 cm
- Table: 5 boards 200 x 12 x 4.7 cm
- Tabletop surface: 70 x 200 cm
- Table height: 76 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

TAUNUS SET

For the rural look



TAUNUS FOREST BENCH

Taunus forest bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 67 x 93	140.0	Brown	BUL 12 200	→	4 300 050

Colour



TAUNUS FOREST BENCH WITHOUT BACKREST

Taunus forest bench without backrest, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 41 x 45	95.0	Brown	BUO 12 200	→	4 300 051

Colour



TAUNUS TABLE

Taunus table, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 68 x 75	155.0	Brown	TUL 12 200	→	4 300 062

Colour





PRODUCT INFO TAUNUS SET

- Board type:
  Premium
- Bench with backrest:
  5 boards 200 x 12 x 4.7 cm
- Bench without backrest:
  3 boards 200 x 12 x 4.7 cm
- Seat height:
  45 cm
- Table:
  5 boards 200 x 12 x 4.7 cm
- Tabletop surface:
  68 x 200 cm
- Table height:
  75 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PICCADILLY BENCH

Classic and elegant



Piccadilly bench 1, width: 150 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 65 x 80	74.0	Brown	BML 10 150	→	4 300 063

Piccadilly bench 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 80	85.0	Brown	BBA 12 200	→	4 300 013
		Grey-Brown	BEA 05 200	→	4 300 122
		Black-Brown	BEF 05 200	→	4 300 072
		Grey-Green	BEB 05 200	→	4 300 123
		Grey-Blue	BEC 05 200	→	4 300 124
		Grey-Black	BED 05 200	→	4 300 125
		Grey-Red	BEE 05 200	→	4 300 087



Colours







PRODUCT INFO

- Board type: Premium
- 5 bench boards 150/200 x 12 x 4.7 cm
- Seat height: 45 cm

Optional accessories:

- **Ground anchor Type 2**
- **Armrest**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

THE PERFECT COMPLEMENT



» **Tivoli table**
See page 83



» **Trinity table**
See page 83



» **Canetti bench without backrest**
See page 82

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

TRAFALGAR SQUARE BENCH

Timeless design in a choice of colours










Colours

Trafalgar Square bench 1, width: 150 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 65 x 80	73.0	Brown	BML 08 150	→	4 300 064

Trafalgar Square bench 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 80	87.0	Brown	BBD 08 200	→	4 300 016
		Grey-Brown	BGB 08 200	→	4 300 147
		Black-Brown	BSB 08 200	→	4 300 149
		Grey-Green	BGM 08 200	→	4 300 148
		Grey-Blue	BGL 08 200	→	4 300 151
		Grey-Black	BGS 08 200	→	4 300 153
		Grey-Red	BGR 08 200	→	4 300 152

PRODUCT INFO

- Board type: Premium
- 7 bench boards 150/200 x 8 x 4.7 cm
- Seat height: 45 cm

Optional accessories:

- **Ground anchor Type 2**
- **Armrest**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.





THE PERFECT COMPLEMENT



» **Tivoli table**
See page 83



» **Trinity table**
See page 83



» **Canetti bench without backrest**
See page 82

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SUTTON BENCH

Modern shape, traditional charm



Sutton bench 1, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 60 x 80	74.0	Brown	BTA 10 150	→	4 300 047

Sutton bench 2, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 60 x 80	85.0	Brown	BAA 10 200	→	4 300 006



SUTTON 1 **SUTTON 2**

Colour



PRODUCT INFO

- Board type: Premium
- 5 bench boards 150/200 x 10 x 4.7 cm
- Seat height: 45 cm

Optional accessories:

- **Ground anchor Type 1**
- **Armrest**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



THE PERFECT COMPLEMENT



- **Tivoli table**
  See page 83



- **Trinity table**
  See page 83



- **Canetti bench without backrest**
  See page 82

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

ECLIPSE BENCH

Made of hanit® Ultra





ECLIPSE 1



ECLIPSE 2

Colours

Eclipse bench 1, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 64 x 85	80.0	Black-Brown	INT 170 MBR	→	4 300 080
		Black	INT 170 BLK	→	4 300 081

Eclipse bench 2, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 64 x 85	113.0	Black-Brown	INT 171 MBR	→	4 300 082
		Black	INT 171 BLK	→	4 300 083

PRODUCT INFO

- Board type: hanit® Ultra
- 6 bench boards 150/200 x 10 x 5.0 cm
- Seat height: 49 cm
- 200 cm version: 3 legs

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

HIGH LINE BENCH

Where elegance has its place



Colour

High Line bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 48 x 45	85.0	Black-Brown	HL 1 SB 200	→	4 300 145

Ground anchor for High Line bench					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
8 x 6.6 x 5.8	1.0	Brown	HL 1 BEF	→	4 600 168



PRODUCT INFO

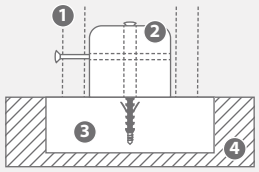
- Board type: reinforced bench boards
- 8 bench boards 176 x 12 x 4.2 cm
- Seat height: 45 cm

Optional accessories:

- **Ground anchor** High Line bench

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Outline drawing of ground anchor and mounting



1. Leg (hollow profile)
2. Ground anchor
3. Foundation
4. Earth

UENO BENCH

Minimalist design, maximum usage



Colour

Ueno bench 1, width: 130 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
130 x 46 x 48	53.0	Black-Brown	UENO 1B 130	→	4 300 155

Ueno bench 2, width: 180 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
180 x 46 x 48	70.0	Black-Brown	UENO 2B 180	→	4 300 156

PRODUCT INFO

- Board type: reinforced bench board
- 1 bench board 117/167 x 46 x 8.0 cm
- Seat height: 48 cm

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



CORNWALL BENCH

Open and uncluttered



Colour

Cornwall bench, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 75	100.0	Brown	BSA 10 200	→	4 300 041



PRODUCT INFO

- Board type: Premium
- 6 bench boards 200 x 10 x 4.7 cm
- Seat height: 45 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com and downloaded from the selected product page.

SOMERSET BENCH

Ready to use after setting into the ground



Colour

Somerset bench, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 75	105.0	Brown	BSB 12 200	→	4 300 042



PRODUCT INFO

- Board type: Premium
- 5 bench boards 200 x 12 x 4.7 cm
- Seat height: 45 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com and downloaded from the selected product page.

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HIGHLANDS BENCH

A new variation of the embedded bench



Colour

Highlands bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 75	85.0	Brown	BSC 19 200	→	4 300 065



PRODUCT INFO

- Board type: Classic
- 3 bench boards 200 x 19 x 4.0 cm
- Seat height: 45 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com and downloaded from the selected product page.

PRATO BENCH

The bench without legs



Colour

Prato bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 60 x 45	70.0	Brown	BLL 10 200	→	4 300 092



PRODUCT INFO

- Board type: Premium
- 6 bench boards 200 x 10 x 4.7 cm
- Seat height: dependent on base
- For assembly on base

Completely assembled on delivery.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PROVENCE BENCH

Familiar design – new interpretation



Colour

Provence bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 80	77.0	Brown	BPA 12 200	→	4 300 035



PRODUCT INFO

- Board type: Premium
- 5 boards 200 x 12 x 4.7 cm
- Seat height: 45 cm
- Legs: Aluminium casting, anthracite

Optional accessories:

- **Ground anchor Type 2**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

ALGARVE BENCH

Moulding and hanit® – a perfect combination



Colour

Algarve bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 65 x 80	78.0	Brown	BPC 08 200	→	4 300 037



PRODUCT INFO

- Board type: Premium
- 7 boards 200 x 8 x 4.7 cm
- Seat height: 45 cm
- Legs: Aluminium casting, anthracite

Optional accessories:

- **Ground anchor Type 2**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SAPO BENCH

Higher backrest for extra comfort



Colour

PRODUCT INFO

- Board type:
  Classic
- 3 seat boards 200 x 14 x 4.0 cm
- 3 back boards 180 x 14 x 4.0 cm
- Seat height:
  45 cm
- Legs: Zinc-coated steel
- To be secured to the ground

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Sapo bench, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 61 x 90	90.0	Brown	BOB 14 200	→	4 300 120



SAPO BENCH WITHOUT BACKREST

For a quick break



Colour

Sapo bench without backrest, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 45 x 45	52.0	Brown	BOA 14 200	→	4 300 119



PRODUCT INFO

- Board type:
  Classic
- 3 bench boards 200 x 14 x 4.0 cm
- Seat height:
  45 cm
- Legs: Zinc-coated steel
- To be secured to the ground

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SAPO SENIOR'S BENCH

Raised seat makes it easier to stand up



Sapo senior's bench, without engraving, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 61 x 97	90.0	Brown	BSL 14 200 0	→	4 300 146

Sapo senior's bench, with engraving, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 61 x 97	90.0	Brown	BSL 14 200	→	4 300 132



Colour

PRODUCT INFO

- Board type: Classic
- 6 bench boards 200 x 14 x 4.0 cm
- Seat height: 52 cm
- Legs: zinc-coated steel
- To be secured to the ground
- Optional engraving "Senior's bench"

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



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TARLO SENIOR'S BENCH

The perfect support



Tarlo senior's bench, width: 160 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
160 x 57.5 x 95	80.5	Grey-Brown	BTL 12 160	→	4 300 165

Colour



PRODUCT INFO

- Board type:
  Premium
- 6 bench boards 150 x 12 x 4.7 cm
- Seat height:
  52 cm
- Legs:
  hanit® recycled plastic with integrated armrest

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



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ELDORADO SUN LOUNGER

A little bit of luxury, everyday



Eldorado sun lounger, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 165 x 115	150.0	Brown	BRB 08 150	→	4 300 076
		Blue-Green	BRM 08 150	→	4 300 115

Colours

PRODUCT INFO

- Board type:
  Premium
- 21 bench boards:
  150 x 8 x 4.7 cm
- With the multi-colour version:
  10 green, 11 blue boards
- Frame:
  tube frame, metal

Completely assembled on delivery.





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AVETO SUN LOUNGER

Rest comfortably on hanit®



Aveto sun lounger, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 165 x 119	195.0	Grey-Brown	BAB 08 150	→	4 300 166
		Grey-Green	BAM 08 150	→	4 300 167
		Grey-Blue	BAL 08 150	→	4 300 168

Colours



PRODUCT INFO

- Board type:
  Premium
- 21 bench boards:
  150 x 8 x 4.7 cm
- Frame:
  hanit® sun lounger seat end

Optional accessories:

- **4 x Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



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SERENGETI SET

Come together - combination of boards









Colours

Serengeti set 1, width: 180 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
180 x 174 x 76	177.0	Brown	SGA 10 180	→	4 400 008

Serengeti set 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 174 x 76	195.0	Brown	SGB 10 200	→	4 400 009
		Grey-Green	RBA 10 200	→	4 400 012
		Grey-Blue	RBB 10 200	→	4 400 013
		Grey-Red	RBC 10 200	→	4 400 016

Serengeti set 3, width: 240 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
240 x 174 x 76	195.0	Brown	SGC 10 200	→	4 400 001



VERSION WITH EXTENDED TABLETOP



PRODUCT INFO

» Board type Serengeti 1 and 2:
6 bench boards Premium 180/200 x 10 x 4.7 cm
6 table boards Premium 180/200 x 12 x 4.7 cm

» Board type Serengeti 3:
Version with extended tabletop
6 bench boards Premium 200 x 10 x 4.7 cm
5 table boards Classic 240 x 14 x 4.0 cm

» This is true for all models:
Seat height: 46 cm
Tabletop surface: 77 x 180/200/240 cm
Table height: 76 cm

Optional accessories:

» **Ground anchor Type 3**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

ISOLA SET

The picnic all-rounder with one-piece table top



Isola set 1, width: 180 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
180 x 174 x 78	162.0	Brown	FGA 10 180	→	4 400 014

Isola set 2, width: 200 cm

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 174 x 78	173.0	Brown	FGB 10 200	→	4 400 015



Colour

PRODUCT INFO

- Board type: Premium
- 6 bench boards 180/200 x 10 x 4.7 cm
- 1 Table top 180/200 x 75 x 6.5 cm
- Seat height: 46 cm
- Tabletop surface: 75 x 180/200 cm
- Table height: 78 cm

Optional accessories:

- **Ground anchor Type 3**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



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STELVIO SET

With tubular metal frame



Stelvio set, width: 252 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
252 x 250 x 75	285.0	Brown	BBL 10 150	→	4 400 007

Colour



PRODUCT INFO

- Board type: Premium
- 12 bench boards 150 x 10 x 4.7 cm
- 13 table boards 150 x 10 x 4.7 cm
- Seat height: 45 cm
- Tabletop surface: 150 x 150 cm
- Table height: 75 cm
- Legs: Steel, zinc-coated

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



GATTON ROUND BENCH

The hexagonal bench with backrest



Gatton round bench 1, outer-Ø: 300 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
300 x 260 x 80	440.0	Brown	BRB 10 150	→	4 400 011

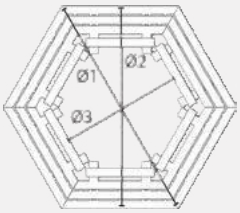
Gatton round bench 2, outer-Ø: 400 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
400 x 342 x 80	510.0	Brown	BRB 10 200	→	4 400 010



Colour

PRODUCT INFO

- Board type: Classic
- 30 bench boards profile measurement 10 x 4.0 cm
- Gatton 1:
  Ø 1 = 300 cm, Ø 2 = 260 cm,
  Ø 3 = 151 cm
  length of seat boards:
  120/150 cm
- Gatton 2:
  Ø 1 = 400 cm, Ø 2 = 342 cm,
  Ø 3 = 236 cm
  length of seat boards:
  170/200 cm
- 12 legs



Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

RONCADE ROUND BENCH

The round bench without backrest



Roncade round bench 1, outer-Ø: 300 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
300 x 260 x 42	230.0	Brown	BRA 10 150	→	4 400 003

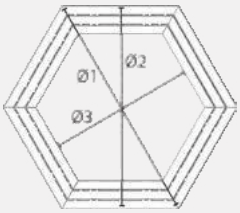
Roncade round bench 2, outer-Ø: 400 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
400 x 345 x 42	270.0	Brown	BRA 10 200	→	4 400 002



Colour

PRODUCT INFO

- Board type: Classic
- 18 bench boards profile measurement 10 x 4.0 cm
- Roncade 1:
  Ø 1 = 300 cm, Ø 2 = 260 cm,
  Ø 3 = 190 cm
  length of seat boards:
  110/150 cm
- Roncade 2:
  Ø 1 = 400 cm, Ø 2 = 345 cm,
  Ø 3 = 275 cm
  length of seat boards:
  160/200 cm
- 12 legs



Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



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IONA BENCH

The bench and planter system



Iona bench base element					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
290 x 70 x 47	235.0	Brown	BMA 10 150	→	4 500 005

Iona bench add-on element					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
220 x 70 x 47	130.0	Brown	BMB 10 150	→	4 500 007

Colour

PRODUCT INFO

- Board type: Premium
- Base element
  3 bench boards 150 x 10 x 4.7 cm
  2 planter: Iberis 1
- Add-on element
  3 bench boards 150 x 10 x 4.7 cm
  1 planter: Iberis 1

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



BASE ELEMENT



ADD-ON ELEMENT







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

GRAND CANYON SHELTER

Shade and shelter all year round



Colour

Grand Canyon shelter, width: 280 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
280 x 255 x 275	1,081.0	Brown	BSL 10 200	→	4 500 004



PRODUCT INFO

- Board type: Premium
- 11 boards 200 x 10 x 4.7 cm
- Seat height: 45 cm
- Table height: 75 cm
- Tabletop surface: 60 x 200 cm

The shelter is partially assembled on delivery.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

COLLODI SKATER BENCH

For sitting, leaning or chilling



Colour

For burying, width: 200 cm					
Dimensions W x D x H; cm	**Weight kg**	**Colour**	**Item No OLD**		**Item No NEW**
200 x 27.5 x 78	85.0	Brown	BSG 40 200	→	4 500 003

PRODUCT INFO

- Board type: Compact
- 1 seat board 200 x 27.5 x 6.5/5.5 cm
- Seat height: 78 cm
- To be embedded into the ground
- With longer legs
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com and downloaded from the selected product page.







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TREMEZZO YOUTH BENCH

For sitting on the backrest



Colours

Tremezzo youth bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 70 x 81	119.0	Brown	JRA 17 200	→	4 500 001
		Grey-Green-Blue	JRB 17 200	→	4 500 006







PRODUCT INFO

- Board type: Classic
- 3 bench boards 200 x 17 x 4.0 cm
- 2 bench boards 200 x 12 x 4.0 cm
- Seat height: 45 cm
- Seat height backrest: 81 cm
- To be embedded in the ground
- Height from the ground up

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

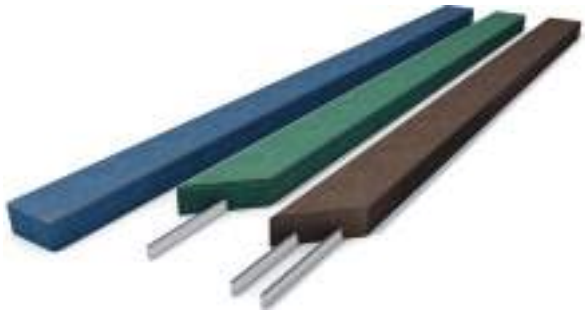
Further information regarding installation depth and foot shape can be found on the product specification sheet at www.hahnplastics.com and downloaded from the selected product page.



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BENCH BOARD, CLASSIC

For versatile solutions



Colours

Milled reinforcement, thickness 4.0 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
8.0	150.0	6.0	80	Brown	BB 4008 150	→	4 600 156
8.0	180.0	7.0	80	Brown	BB 4008 180	→	4 600 142
8.0	200.0	8.0	80	Brown	BB 4008 200	→	4 600 084
10.0	150.0	7.0	80	Brown	BB 4010 150	→	4 600 085
10.0	180.0	8.4	80	Brown	BB 4010 180	→	4 600 138
10.0	200.0	9.5	80	Brown	BB 4010 200	→	4 600 086
				Green	BG 4010 200	→	4 600 130
				Blue	BL 4010 200	→	4 600 256
12.0	150.0	8.0	60	Brown	BB 4012 150	→	4 600 087
12.0	180.0	9.7	60	Brown	BB 4012 180	→	4 600 144
12.0	200.0	11.0	60	Brown	BB 4012 200	→	4 600 088
				Green	BG 4012 200	→	4 600 131
				Blue	BL 4012 200	→	4 600 273
14.0	200.0	12.5	50	Brown	BB 4014 200	→	4 600 089
14.0	240.0	15.0	50	Brown	BB 4014 240	→	4 600 090

Milled reinforcement, thickness 4.5 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
5.5	200.0	7.0	85	Brown	BB 4506 200	→	4 600 095

Two milled-in reinforcements, thickness 4.0 cm

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
17.0	200.0	14.5	40	Brown	BB 4017 200	→	4 600 091
17.0	240.0	20.0	40	Brown	BB 4017 240	→	4 600 092
19.0	200.0	16.0	40	Brown	BB 4019 200	→	4 600 093
19.0	240.0	22.0	40	Brown	BB 4019 240	→	4 600 094





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

NOTE

- Assemble Classic style bench boards with a maximum support distance of 130 cm. Individual boards must be interconnected (e.g. using flat steel bar), to distribute the load or to ensure the orientation of the boards.
- Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.
- We offer optional bespoke engraving. Prices and recommendations are available upon request.
- Reinforcement ends approximately 10 cm from profile end.





TIPS & TRICKS

You have to install bench boards on an already existing frame or base?

No problem with our Classic bench board. We can install the reinforcement approximately 1.5 cm off the centre, ask us for details.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

BENCH BOARD, PREMIUM

Special board with internal reinforcement



Colours

Interior reinforcement, thickness 4.7 cm							
Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
8.0	150.0	7.0	80	Brown	BBI 5008 150	→	4 600 161
				Green	BMI 5008 150	→	4 600 469
				Blue	BLI 5008 150	→	4 600 470
				Red	BRI 5008 150	→	4 600 268
8.0	180.0	7.8	80	Brown	BBI 5008 180	→	4 600 651
8.0	200.0	9.0	80	Brown	BBI 5008 200	→	4 600 074
				Green	BMI 5008 200	→	4 600 379
				Blue	BLI 5008 200	→	4 600 380
				Red	BRI 5008 200	→	4 600 381
10.0	150.0	8.0	80	Brown	BBI 5010 150	→	4 600 162
				Green	BMI 5010 150	→	4 600 401
				Blue	BLI 5010 150	→	4 600 238
				Red	BRI 5010 150	→	4 600 387
10.0	180.0	9.5	80	Brown	BBI 5010 180	→	4 600 244
10.0	200.0	10.5	80	Brown	BBI 5010 200	→	4 600 158
				Green	BMI 5010 200	→	4 600 233
				Blue	BLI 5010 200	→	4 600 416
				Red	BRI 5010 200	→	4 600 464
12.0	150.0	9.0	60	Brown	BBI 5012 150	→	4 600 163
				Green	BMI 5012 150	→	4 600 382
				Blue	BLI 5012 150	→	4 600 277
				Red	BRI 5012 150	→	4 600 383
12.0	180.0	11.1	60	Brown	BBI 5012 180	→	4 600 243
12.0	200.0	12.5	60	Brown	BBI 5012 200	→	4 600 159
				Green	BMI 5012 200	→	4 600 259
				Blue	BLI 5012 200	→	4 600 417
				Red	BRI 5012 200	→	4 600 465

NOTE

- Assemble Premium style bench boards with a maximum support distance of 145 cm.
- Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.
- Reinforcement ends approximately 3.5 cm from profile end.





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COMPACT BENCH BOARD

The board out of one mould



SEAT BOARD WITH DOUBLE REINFORCEMENT

Colour

Seat board, conical, thickness: 7.5/6.5 cm, double reinforcement

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
40.0	200.0	54.0	30	Brown	RBB 7540 200	→	4 600 111

Back board, conical, thickness: 6.5/5.5 cm, single reinforcement

Width cm	Length cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
27.5	200.0	32.0	30	Brown	RBB 6527 200	→	4 600 110

NOTE

- Assemble Compact style bench boards with a maximum support distance of 145 cm.
- Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hahnplastics.com and downloaded from the selected product page.
- Reinforcement ends approximately 10 cm from profile end.





BACK BOARD WITH SINGLE REINFORCEMENT



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BENCH BOARD ELEMENT

Classic boards



Colour

Type Classic, thickness 6.0 cm, length: 150 cm

Boards Pcs.	Board dimensions cm	Total thickness cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
3	4.0 x 8.0 x 150	29.0	18.0	20	Brown	SEB 3K 290 150	→	4 600 332
	4.0 x 10.0 x 150	35.0	21.0	20	Brown	SEB 3K 350 150	→	4 600 336
	4.0 x 12.0 x 150	41.0	24.0	10	Brown	SEB 3K 410 150	→	4 600 340
4	4.0 x 8.0 x 150	39.5	24.0	20	Brown	SEB 4K 395 150	→	4 600 333
	4.0 x 10.0 x 150	47.5	28.0	10	Brown	SEB 4K 475 150	→	4 600 337
	4.0 x 12.0 x 150	55.5	32.0	10	Brown	SEB 4K 555 150	→	4 600 341
5	4.0 x 8.0 x 150	50.0	30.0	10	Brown	SEB 5K 500 150	→	4 600 334
	4.0 x 10.0 x 150	60.0	35.0	10	Brown	SEB 5K 600 150	→	4 600 338
	4.0 x 12.0 x 150	70.0	40.0	10	Brown	SEB 5K 700 150	→	4 600 342

Type Classic, thickness 6.0 cm, length: 200 cm

Boards Pcs.	Board dimensions cm	Total thickness cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
3	4.0 x 8.0 x 200	29.0	24.0	20	Brown	SEB 3K 290 200	→	4 600 321
	4.0 x 10.0 x 200	35.0	28.5	20	Brown	SEB 3K 350 200	→	4 600 311
	4.0 x 12.0 x 200	41.0	33.0	10	Brown	SEB 3K 410 200	→	4 600 315
4	4.0 x 8.0 x 200	39.5	32.0	20	Brown	SEB 4K 395 200	→	4 600 322
	4.0 x 10.0 x 200	47.5	38.0	10	Brown	SEB 4K 475 200	→	4 600 312
	4.0 x 12.0 x 200	55.5	44.0	10	Brown	SEB 4K 555 200	→	4 600 316
5	4.0 x 8.0 x 200	50.0	40.0	10	Brown	SEB 5K 500 200	→	4 600 309
	4.0 x 10.0 x 200	60.0	47.5	10	Brown	SEB 5K 600 200	→	4 600 313
	4.0 x 12.0 x 200	70.0	55.0	10	Brown	SEB 5K 700 200	→	4 600 317

NOTE

- Classic bench board with visible reinforcement (underside)
- Height of element: 6.0 cm
- Distance between boards: 2.5 cm
- 3 aluminium U-Profile brackets 40x20x4 mm per element
- Brackets of 150 cm element: 20/75/130 cm
- Brackets of 200 cm element: 20/100/180 cm
- Brackets with predrilled holes for installation on substructure
- Delivered without fastening materials





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BENCH BOARD ELEMENT

Premium boards



Colour

Type Premium, thickness 6.7 cm, length: 150 cm

Boards Pcs.	Board dimensions cm	Total thickness cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
3	4.7 x 8.0 x 150	29.0	21.0	20	Brown	SEB 3P 290 150	→	4 600 305
	4.7 x 10.0 x 150	35.0	24.0	20	Brown	SEB 3P 350 150	→	4 600 323
	4.7 x 12.0 x 150	41.0	27.0	10	Brown	SEB 3P 410 150	→	4 600 328
4	4.7 x 8.0 x 150	39.5	28.0	20	Brown	SEB 4P 395 150	→	4 600 306
	4.7 x 10.0 x 150	47.5	32.0	10	Brown	SEB 4P 475 150	→	4 600 324
	4.7 x 12.0 x 150	55.5	36.0	10	Brown	SEB 4P 555 150	→	4 600 329
5	4.7 x 8.0 x 150	50.0	35.0	10	Brown	SEB 5P 500 150	→	4 600 307
	4.7 x 10.0 x 150	60.0	40.0	10	Brown	SEB 5P 600 150	→	4 600 325
	4.7 x 12.0 x 150	70.0	45.0	10	Brown	SEB 5P 700 150	→	4 600 330

Type Premium, thickness 6.7 cm, length: 200 cm

Boards Pcs.	Board dimensions cm	Total thickness cm	Weight kg	Qty/Pal Pcs.	Colour	Item No OLD		Item No NEW
3	4.7 x 8.0 x 200	29.0	27.0	20	Brown	SEB 3P 290 200	→	4 600 327
	4.7 x 10.0 x 200	35.0	31.5	20	Brown	SEB 3P 350 200	→	4 600 280
	4.7 x 12.0 x 200	41.0	37.5	10	Brown	SEB 3P 410 200	→	4 600 285
4	4.7 x 8.0 x 200	39.5	36.0	20	Brown	SEB 4P 395 200	→	4 600 501
	4.7 x 10.0 x 200	47.5	42.0	10	Brown	SEB 4P 475 200	→	4 600 282
	4.7 x 12.0 x 200	55.5	50.0	10	Brown	SEB 4P 555 200	→	4 600 286
5	4.7 x 8.0 x 200	50.0	45.0	10	Brown	SEB 5P 500 200	→	4 600 278
	4.7 x 10.0 x 200	60.0	52.5	10	Brown	SEB 5P 600 200	→	4 600 283
	4.7 x 12.0 x 200	70.0	62.5	10	Brown	SEB 5P 700 200	→	4 600 287

NOTE

- Premium board with internal reinforcement
- Height of element: 6.7 cm
- Distance between boards: 2.5cm
- 3 aluminium U-Profile brackets 40x20x4 mm per element
- Brackets of 150 cm element: 20/75/130 cm
- Brackets of 200 cm element: 20/100/180 cm
- Brackets with predrilled holes for installation on substructure
- Delivered without fastening materials





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GROUND ANCHOR

Security for your seating



Colour

Type 1 - Standard

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
10 x 48 x 27	7.0	Brown[1]	BOA 48 028	→	4 600 108

Type 2 - For Trafalgar Square and Piccadilly models

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
10 x 65 x 30	9.0	Brown[1]	BOJ 48 028	→	4 600 764

Type 3 - For Serengeti and Isola sets, Hyde Park table

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
10 x 140 x 30	11.0	Brown[1]	BOS 48 028	→	4 600 763

PRODUCT INFO

For burying or concreting into the ground for benches or tables



[1] Delivered in grey or brown, depending on stock levels. Including assembly materials.

ARMREST

For even more comfort



Colour

Type 1 - For Tivoli and Sutton benches (page 82/94)

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
5.5 x 34 x 24	3.0	Brown	ALB 25 340	→	4 600 203

Type 2 - For Piccadilly benches (page 92)

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
5.5 x 40 x 24	3.0	Brown	ALB 25 400	→	4 600 204

Type 3 - For Trafalgar Square benches (page 93)

Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
5.5 x 38 x 24	3.0	Brown	ALB 25 385	→	4 600 237



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MUSCARI PLANTER

Strong and substantial



Colours

Muscari						
Dimensions W x L x H; cm	Weight kg	Colour	Volume litres	Item No OLD		Item No NEW
60 x 130 x 50	128.0	Grey	127	BG 130 060	→	4 700 020
		Brown		BB 130 060	→	4 700 008
		Black		BS 130 060	→	4 700 105

PRODUCT INFO

» Volume: filled to the top edge

Completely assembled. Measurements are outside dimensions. Other sizes available on request. Side profile: 9 x 9 cm. Base: 2.5 cm thick. Support posts: 12 x 16 cm. Plinth height: 8 cm.







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

VINCA PLANTER

The eye-catcher in many sizes



Colour

Vinca							
Variant	**Dimensions W x L x H; cm**	**Weight kg**	**Colour**	**Volume litres**	**Item No OLD**		**Item No NEW**
Vinca 1 - S	88 x 52 x 44	67.0	Brown	108	BC 070 042	→	4 700 009
Vinca 1 - M	88 x 52 x 56	84.0	Brown	144	BC 070 042 Z1	→	4 700 194
Vinca 1 - L	88 x 52x 68	101.0	Brown	180	BC 070 042 Z2	→	4 700 195
Vinca 2 - S	108 x 62 x 44	86.0	Brown	181	BC 090 052	→	4 700 010
Vinca 2 - M	108 x 62 x 56	107.0	Brown	248	BC 090 052 Z1	→	4 700 196
Vinca 2 - L	108 x 62 x 68	128.0	Brown	310	BC 090 052 Z2	→	4 700 197
Vinca 3 - S	139 x 78 x 44	117.0	Brown	336	BC 115 067	→	4 700 011
Vinca 3 - M	139 x 78 x 56	144.0	Brown	458	BC 115 067 Z1	→	4 700 198
Vinca 3 - L	139 x 78 x 68	171.0	Brown	572	BC 115 067 Z2	→	4 700 199
Vinca 4 - S	166 x 91 x 44	145.0	Brown	498	BC 140 078	→	4 700 012
Vinca 4 - M	166 x 91 x 56	176.0	Brown	675	BC 140 078 Z1	→	4 700 200
Vinca 4 - L	166 x 91 x 68	207.0	Brown	845	BC 140 078 Z2	→	4 700 201

PRODUCT INFO

» Volume: without additional ring; filled to the top edge

Completely assembled. Measurements are outside dimensions. Other sizes available on request. Side profile: 6 x 12 cm. Base: 2.5 cm thick. Plinth height: 6 cm.





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IBERIS PLANTER

Neutral and inconspicuous



Colour

Iberis						
Variant	Dimensions W x L x H; cm	Weight kg	Colour	Volume litres	Item No OLD	Item No NEW
Iberis 1 - S	70 x 70 x 47	105.0	Brown	97	BM 070 070 →	4 700 023
Iberis 1 - M	70 x 70 x 56	123.5	Brown	121	BM 070 070 Z1 →	4 700 174
Iberis 1 - L	70 x 70 x 65	142.0	Brown	146	BM 070 070 Z2 →	4 700 175
Iberis 2 - S	70 x 110 x 47	140.0	Brown	172	BM 110 070 →	4 700 024
Iberis 2 - M	70 x 110 x 56	164.5	Brown	215	BM 110 070 Z1 →	4 700 180
Iberis 2 - L	70 x 110 x 65	189.0	Brown	258	BM 110 070 Z2 →	4 700 181
Iberis 3 - S	110 x 110x 47	180.0	Brown	305	BM 110 110 →	4 700 025
Iberis 3 - M	110 x 110x 56	211.0	Brown	380	BM 110 110 Z1 →	4 700 176
Iberis 3 - L	110 x 110 x 65	242.0	Brown	457	BM 110 110 Z2 →	4 700 177
Iberis 4 - S	110 x 140 x 47	212.0	Brown	404	BM 140 110 →	4 700 026
Iberis 4 - M	110 x 140 x 56	247.0	Brown	505	BM 140 110 Z1 →	4 700 182
Iberis 4 - L	110 x 140 x 65	282.0	Brown	606	BM 140 110 Z2 →	4 700 183
Iberis 5 - S	140 x 140 x 47	242.0	Brown	536	BM 140 140 →	4 700 027
Iberis 5 - M	140 x 140 x 56	281.5	Brown	670	BM 140 140 Z1 →	4 700 178
Iberis 5 - L	140 x 140 x 65	321.5	Brown	803	BM 140 140 Z2 →	4 700 179



PRODUCT INFO

» Volume: without additional ring; filled to the top edge

Completely assembled. Measurements are outside dimensions. Side profile: 9 x 9 cm. Base: 2.5 cm thick. Plinth height: 9 cm.





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TERRA RAISED BED

Planting made easy



Colours

Raised bed Terra 1

Dimensions W x L x H; cm	Weight kg	Colour	Volume litres	Item No OLD		Item No NEW
90 x 190 x 63	128.0	Grey	685	HTG 060 190 P	→	4 700 165
		Brown		HTB 060 190 P	→	4 700 166

Raised bed Terra 2

Dimensions W x L x H; cm	Weight kg	Colour	Volume litres	Item No OLD		Item No NEW
90 x 190 x 83	159.0	Grey	914	HTG 080 190 P	→	4 700 103
		Brown		HTB 080 190 P	→	4 700 104

PRODUCT INFO

- Quick assembly – only 7 components
- Rot-free and no harmful additives
- Reinforced with ribs on the inner side
- Volume: filled to the top edge

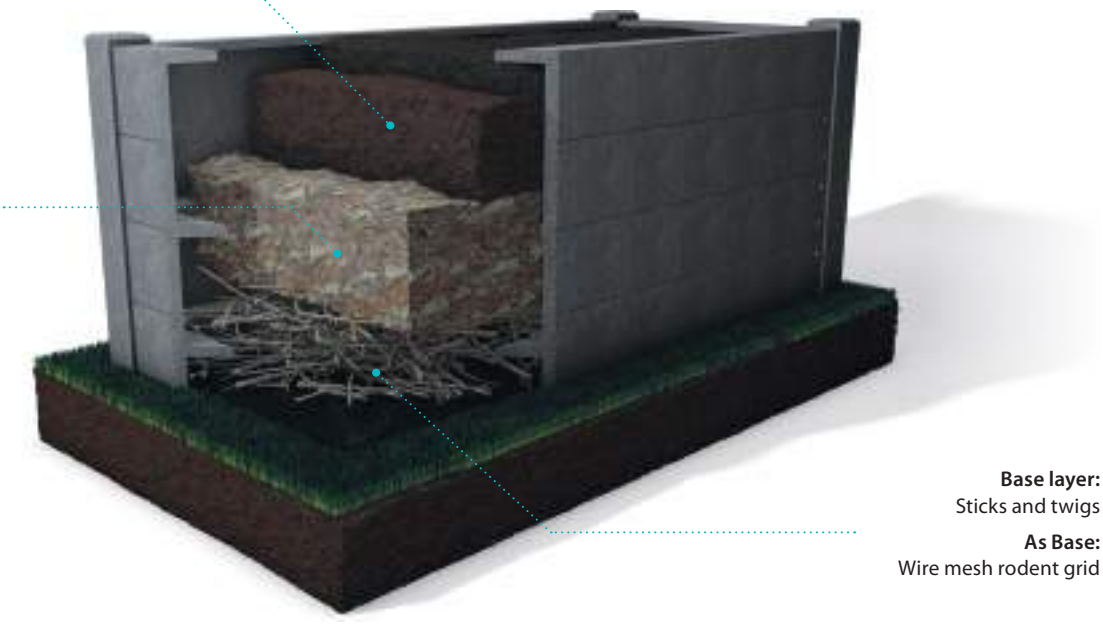
Delivered as a kit excluding base.



SCHEMATIC REPRESENTATION OF FILLING

Top layer:
Garden soil, raised bed soil

Middle layer:
Compost, dead leaves and lawn cuttings



Base layer:
Sticks and twigs

As Base:
Wire mesh rodent grid

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

MODULAR COMPOSTER

Quick to assemble and rot-free



Colour



Type 650					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
100 x 100 x 90	56.0	Brown	SKB 100 090	→	4 700 074

PRODUCT INFO

Volume:	approx. 650 litres
16 boards:	2.5 x 100 x 14 cm
4 boards:	2.5 x 100 x 7 cm

Delivered as a kit excluding base.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

CEMETERY COMPOSTER

Sturdy and durable



Colour

Conical, with aluminium frame					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
100 x 100 x 78	76.0	Brown	KF 085 100	→	4 700 046

PRODUCT INFO

» Volume: approx. 528 litres
» Aluminium frame

Completely assembled on delivery.





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SCORI LITTER BIN

Combinations to suit any situation



Colour

Scori bin round, approx. 55 l					
Dimensions Ø x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
42 x 50	18.0	Brown	AB 375 250	→	4 800 009

Scori with frame, bin pivotable					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
63 x 42 x 132	33.0	Brown	ABGE 375 250	→	4 800 001

Scori including frame with hinged lid					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
42 x 48 x 160	30.0	Brown	ABKD 375 250	→	4 800 002

Clamping ring				
	Weight kg	Item No OLD		Item No NEW
	0.5	KL 375 250	→	4 800 015

Wire basket				
	Weight kg	Item No OLD		Item No NEW
	2.5	DK 375 250	→	4 800 012





PRODUCT INFO

- Volume: approx. 55 litres
- Available in several versions
- Versatile uses



MATERIALS SCORI

Litter bin:	hanit®
Frame with pivotable bin:	hanit® with integrated reinforcement
Frame with hinged lid:	Galvanised steel
Wire basket:	Galvanised steel
Clamping ring:	Stainless steel

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

COLLEC LITTER BIN

Solid and clean



Colour

Bin round, approx. 70 l					
Dimensions Ø x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
48 x 66	35.0	Brown	AR 486 670	→	4 800 006



PRODUCT INFO

» Volume: approx. 70 litres
» With removable wire basket

RESCO LITTER BIN

Clean, square and simple



Colour

Square, approx. 50 l					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
45 x 45 x 66	38.0	Brown	AQ 454 550	→	4 800 005



PRODUCT INFO

» Volume: approx. 50 litres
» With removable wire basket

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

STORA LITTER BIN

The versatile choice



Colour

Bin round, approx. 130 l					
Dimensions Ø x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
52 x 100	55.0	Brown	AT 4852 130	→	4 800 004



PRODUCT INFO

- Volume: approx. 130 litres
- Lockable lid
- Lateral hinge





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



05
PLAYGROUND FURNITURE

hanit® means fun at play.

hanit® stands for durable, made-for-outdoor products. Who spends the most time outside? Our children, discovering the world through play. Our product range for playgrounds and kindergartens ensures their journeys in discovery are care-free and safe.

The attributes of hanit® and the conceptual design of our products ensure:

- That products do not splinter, reducing the risk of injuries.
- No rotting, even in permanent contact with wet soil, moist sand, or when used in watercourses.
- Rounded edges for sandbox covers.

- **Available in a variety of colours**
- **No harmful chemicals or additives**
- **Regularly checked and certified according to relevent regulations (eg. DIN 71-3 Toy Safety)**
- **Tough and durable**

Would you like to find out more about our range for kindergartens and playgrounds? Just request a copy of our "Kids and Teens" brochure. You'll find many great application examples inside.

OUTDOOR CLASSROOM



AT ONE WITH NATURE



PLAYING WITH MUD



SANDBOXES



Children's benches and tables

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» Canetti children's bench without backrest ..... *p. 134*
» Canetti children's table ..... *p. 135*
» Tivoli children's table ..... *p. 135*
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Sandboxes

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Learning and experience

» Terra kid's raised bed ..... *p. 146*
» Mud table ..... *p. 147*

CANETTI CHILDREN'S SERIES

Child-friendly seating



CANETTI CHILDREN'S BENCH

The first hanit® children's bench with backrest



Canetti children's bench with backrest, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 53 x 63	52.0	Brown	KCA 08 150	→	5 000 091
		Grey-Green	KCB 08 150	→	5 000 092
		Grey-Blue	KCC 08 150	→	5 000 093
		Grey-Red	KCD 08 150	→	5 000 094

Colours





CANETTI CHILDREN'S BENCH

Without backrest

Canetti children's bench w/o backrest, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 34 x 34	29.0	Brown	KTA 10 150	→	5 000 026
		Grey-Green	KTB 10 150	→	5 000 027
		Grey-Blue	KTC 10 150	→	5 000 028
		Grey-Red	KTD 10 150	→	5 000 031

Colours



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

CANETTI CHILDREN'S TABLE

With closed tabletop



Canetti children's table, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 60 x 57	65.0	Brown	TCA 60 150	→	5 000 076
		Grey-Green	TCB 60 150	→	5 000 077
		Grey-Blue	TCC 60 150	→	5 000 078
		Grey-Red	TCD 60 150	→	5 000 079

Colours



TIVOLI CHILDREN'S TABLE

With individual boards



Tivoli children's table, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 60 x 59	80.0	Brown	TTA 10 150	→	5 000 035
		Grey-Green	TTB 10 150	→	5 000 036
		Grey-Blue	TTC 10 150	→	5 000 037
		Grey-Red	TTD 10 150	→	5 000 032

Colours



PRODUCT INFO CANETTI CHILDREN'S SERIES

- Board type:
  Premium
- Canetti bench with backrest:
  6 bench boards: 150 x 8 x 4.7 cm
- Canetti bench without backrest:
  3 bench boards: 150 x 8 x 4.7 cm
- Seat height:
  34 cm
- Canetti children's table:
  Closed tabletop
  Tabletop surface: 60 x 150 cm
  Table height: 57 cm
- Tivoli children's table:
  5 table boards: 150 x 10 x 4.7 cm
  Tabletop surface: 58 x 150 cm
  Table height: 59 cm

Optional accessories:

- **Ground anchor Type 1**
  (Bench without backrest)
- **Ground anchor Type 2**
  (Bench with backrest and tables)

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

CALERO CHILDREN'S BENCH

Lively, trendy, colourful



Colours

Calero children's bench, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 28 x 34	51.0	Grey-Blue	BK2 GB 150	→	5 000 010
		Green-Red-Blue	BK2 TC 150	→	5 000 011



PRODUCT INFO

- Boards: square profiles
- 3 profiles: 132 x 9 x 9 cm
- Seat height: 34 cm

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.



CALERO CHILDREN'S TABLE

So colourful!



Colours

PRODUCT INFO

- 5 table profiles: 132 x 9 x 9 cm
- Table height: 57 cm
- Tabletop surface: 47 x 150 cm

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Calero children's table, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 47 x 57	102.0	Grey-Blue	TK2 GB 150	→	5 000 012
		Green-Blue-Red	TK2 TC 150	→	5 000 013





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

PIPPOLINO CHILDREN'S BENCH

The bench that grows with you



Colour

Pippolino children's bench, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 68 x 70	57.0	Grey-Green-Blue	BP1 GML 150	→	5 000 014

PRODUCT INFO

- Board type: Classic
- 1 seat board 138 x 19 x 4.0 cm
- 1 back board 138 x 17 x 4.0 cm
- Seat height: 25/34 cm[1]

Optional accessories:

- **Ground anchor Type 2**

[1] Seat height can be optionally attached to 25 cm

Benches and tables are delivered as a kit. Assembly instructions and materials are included.









Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

FORIO CHILDREN'S SET

Tailor-made for kids



Forio children's set, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 108 x 57	80.0	Brown	SBA 40 150	→	5 000 021
		Grey-Green	SMA 40 150	→	5 000 020
		Grey-Blue	SLA 40 150	→	5 000 019
		Grey-Red	SRA 40 150	→	5 000 033

Colours





PRODUCT INFO

- 1 tabletop: 150 x 60 x 8.0 cm
- 2 bench boards: 150 x 19 x 4.0 cm
- Seat height: 34 cm
- Table height: 57 cm
- Tabletop surface: 60 x 150 cm

Optional accessories:

- **Ground anchor Type 3**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.





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FORIO BACKREST

For added comfort



Forio backrest, width: 150 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
150 x 20 x 35	17.0	Brown	RBA 19 150	→	5 000 062
		Green	RMA 19 150	→	5 000 064
		Blue	RLA 19 150	→	5 000 063
		Red	RRA 19 150	→	5 000 043

Colours

PRODUCT INFO

- 1 back board 150 x 20 x 35 cm
- 2 galvanised arms/supports
- Can be ordered in different colour combinations. For backrests on both sides of the picnic bench, please order two items.
- Dimensions Forio set with backrests on both sides: 125 x 60 cm (W x H)

Benches and tables are delivered as a kit. Assembly instructions and materials are included.







Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

MIRA CHILDREN'S BENCH

For splinter-free little hands



Colour

Mira children's bench, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 40 x 35	62.0	Brown	BKS 40 200	→	5 000 004



PRODUCT INFO

- Board type: Compact
- 1 seat board: 200 x 40 x 7.5/6.5 cm
- Seat height: 35 cm

Optional accessories:

- **Ground anchor Type 1**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

MIRA CHILDREN'S TABLE

The long-lasting little one



Colour



Mira children's table, width: 200 cm					
Dimensions W x D x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 80 x 61	136.0	Brown	TKS 40 200	→	5 000 007

PRODUCT INFO

- Board type: Compact
- 2 table boards: 200 x 40 x 7.5/6.5 cm
- Table height: 61 cm
- Tabletop surface: 80 x 200 cm

Optional accessories:

- **Ground anchor Type 2**

Benches and tables are delivered as a kit. Assembly instructions and materials are included.

Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

DAHNA SANDBOX

Circle in the Square



Dahna sandbox					
Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 200 x 28	185.0	Grey-Blue-Green	SD1 GML 200	→	5 100 082

Colour



PRODUCT INFO

- Side profiles: each side 2 round posts Ø 12 cm
- 2 seat rest 4.0 x 17 cm
- Dimensions: outside edge of seat

Delivered as a kit excluding base.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

LUT SANDBOX

Set sail in the sand



Lut sandbox					
Dimensions W x L x H; cm	**Weight** kg	**Colour**	**Item No** OLD		**Item No** NEW
105 x 285 x 30	150.0	Grey-Brown	SG 285 100	→	5 100 042
		Grey-Green	SM 285 100	→	5 100 043
		Grey-Blue	SL 285 100	→	5 100 051
		Grey-Red	SR 285 100	→	5 100 068

Colours





PRODUCT INFO

- Side profiles: 3.8 x 13.0 cm
- Seat rest: 4.0 x 10/19 cm
- Dimensions: outside edge of seat

Completely assembled on delivery, excluding base.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

NAMIB SANDBOX

Simple, square and practical



Colour



Namib sandbox 1

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 200 x 31	214.0	Brown	SR 200 200	→	5 100 020

Namib sandbox 2

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
300 x 300 x 31	333.0	Brown	SR 300 300	→	5 100 021

Namib sandbox 3

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
400 x 400 x 31	468.0	Brown	SR 400 400	→	5 100 022

Namib sandbox 4

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
500 x 500 x 31	587.0	Brown	SR 500 500	→	5 100 023

PRODUCT INFO

- Side profiles: 9.0 x 9.0 cm
- Seat rest: 4.0 x 19 cm
- Dimensions: outside edge of seat

Delivered as a kit excluding base. Other dimensions available on request.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

SAHARA SANDBOX

Wonderland for the imagination



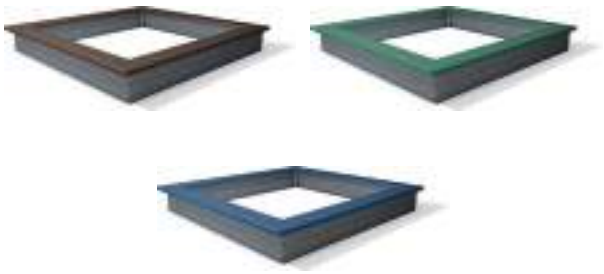
Sahara sandbox 1

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
200 x 200 x 27	195.0	Grey-Brown	WG 200 200	→	5 100 028
		Grey-Green	WM 200 200	→	5 100 029
		Grey-Blue	WL 200 200	→	5 100 030
		Grey-Red	WR 200 200	→	5 100 049

Sahara sandbox 2

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
300 x 300 x 27	295.0	Grey-Brown	WG 300 300	→	5 100 039
		Grey-Green	WM 300 300	→	5 100 040
		Grey-Blue	WL 300 300	→	5 100 041
		Grey-Red	WR 300 300	→	5 100 050

Colours





PRODUCT INFO

- Side profiles: 8.0 x 23 cm
- Seat rest: 4.0 x 19 cm
- Dimensions: outside edge of seat

Delivered as a kit excluding base. Other dimensions available on request.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

KALAHARI SANDBOX

Fun in every corner



Colour

Kalahari sandbox 1

Dimensions ø x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
175 x 30	72.0	Brown	SO 160 030	→	5 100 018

Kalahari sandbox 2

Dimensions ø x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
240 x 30	108.0	Brown	SO 240 030	→	5 100 019



PRODUCT INFO

- Side profiles: 3.8 x 13 cm
- Seat rest: 4.0 x 14 cm
- Dimensions: outside edge of seat

Delivered as a kit excluding base. Other dimensions available on request.

GOBI SANDBOX

Big fun, large or small



Colour

Gobi sandbox 1

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
120 x 120 x 31	71.0	Brown	SV 120 120	→	5 100 024

Gobi sandbox 2

Dimensions W x L x H; cm	Weight kg	Colour	Item No OLD		Item No NEW
240 x 240 x 31	142.0	Brown	SV 240 240	→	5 100 025

PRODUCT INFO

- Side profiles: 3.8 x 13 cm
- Seat rest: 4.0 x 14 cm
- Dimensions: outside edge of seat

Delivered as a kit excluding base. Other dimensions available on request.



Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.

TERRA KID'S RAISED BED

For little green fingers



Terra kid's raised bed					
Dimensions W x L x H; cm	Weight kg	Colour	Volume litres	Item No OLD	Item No NEW
90 x 190 x 63	128.0	Grey	685	HTG 060 190 P →	4 700 165
		Brown		HTB 060 190 P →	4 700 166

Colours



PRODUCT INFO

- Quick assembly – only 7 components
- No harmful additives
- Reinforced with ribs on the inner side
- Volume: filled to the top edge
- See page 126 (chapter 4) for how to fill a raised bed

Delivered as a kit excluding base and accessories.



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MUD TABLE

Splinter-free fun for years to come



Colour

End table

Dimensions W x L x Ha x Hb; cm	Weight kg	Colour	Order No OLD		Order No NEW
78 x 150 x 29/29	72.0	Grey-Brown	MBG 40 150	→	5 200 035

Flow element 1

Dimensions W x L x Ha x Hb; cm	Weight kg	Colour	Order No OLD		Order No NEW
78 x 150 x 42/52	77.0	Grey-Brown	MBG 55 150	→	5 200 031

Flow element 2

Dimensions W x L x Ha x Hb; cm	Weight kg	Colour	Order No OLD		Order No NEW
78 x 150 x 62/72	83.0	Grey-Brown	MBG 75 150	→	5 200 043

Flow element 3

Dimensions W x L x Ha x Hb; cm	Weight kg	Colour	Order No OLD		Order No NEW
78 x 150 x 82/92	89.0	Grey-Brown	MBG 95 150	→	5 200 040

Water pump stand

Dimensions W x L x H; cm	Weight kg	Colour	Order No OLD		Order No NEW
100 x 100 x 22	105.0	Brown	MBB 20 100	→	5 200 008

Water pump with stand

Dimensions W x L x H; cm	Weight kg	Colour	Order No OLD		Order No NEW
100 x 100 x 127	135.0	Brown-Grey	PMB 20 100	→	5 200 028

PRODUCT INFO

- Legs to be embedded in the ground
- Dimensions tray: 60 x 150 x 11 cm
- Reinforced ribs on the underside
- Water run-out available on one or two sides, depending on the element

  Flow element: one water outlet
  End table: two water outlets
- The height information refers to the finished installation height and describes the distance between the top edge of the soil to the bottom edge of the element (Flow elements have an incline)

Delivered as a kit, ready to be assembled.
Pump not included.

Individual sections, parts and elements also available.





Packaging units are only a guide. They are not order specifications. Normally, products longer than 200 cm will be delivered on a double euro pallet.



06
PROJECT REALISATION

From concept to product – in one place.

Complicated projects require innovative solutions. These are exactly the kind of challenges our R&D department love. We can advise, collaborate, offer technical support and work out the best solutions and the most cost-effective options for you.

We're experts in the development, design and manufacture of system solutions. We can tailor our products to your requirements, and with our patented manufacturing processes, we can equip our products with a variety of steel reinforcements. We can also assemble accessories and purchased parts into finished products for you.

It's a win-win! Some of the most inspired uses for hanit® come from client suggestions and partnerships. If you have an idea for a custom or customised product, we'd love to hear about it.

- **Expertise guaranteed**
- **Project installations**
- **Small batches available**
- **Prototype, mould and tool development**
- **Develop new products**

CABLE DUCT COVERS



TUBING BLOCKS



BIOFILTER RAISED FLOORING SYSTEM



CABLE DUCTS



Product inspiration for your projects

» Cable duct covers ..... *p. 150*

» Tubing blocks ..... *p. 151*

» Biofilter raised flooring system ..... *p. 152*

» Ventilation channels ..... *p. 153*

» Cable ducts ..... *p. 154*

» Wedged dunnage ..... *p. 155*

» Cable protection cover ..... *p. 155*

CABLE DUCT COVER

With or without reinforcement



DRIVABLE VERSION

Thickness: 4.5 cm (drivable 8.0 cm)				*Colour*
Item	**Width max. cm**	**Length max. cm**	**Weight qm kg**	**Colour**
With reinforcement	40.0	190.0	48.0	Brown
Without reinforcement	40.0	190.0	42.0	Brown

SUPPORTED



INLAID



PRODUCT INFO

- Non-conductive
- Frost and UV resistant
- Available in a variety of types and sizes
- Can be made to bespoke specifications
- Can support people or vehicles (on request)
- Easy to adjust on site
- Anti slip R10



WALKABLE VERSION



TUBING BLOCKS

Special solutions for the concrete industry



Colour



PRODUCT INFO

- Available with locking knobs and lugs
- Heavy-duty
- Keeps its shape, use after use
- Can be made to bespoke specifications
- Will never rot or corrode
- Worry-free storage





BIOFILTER RAISED FLOORING SYSTEM

Ideal for use as ventilation and inflow plates



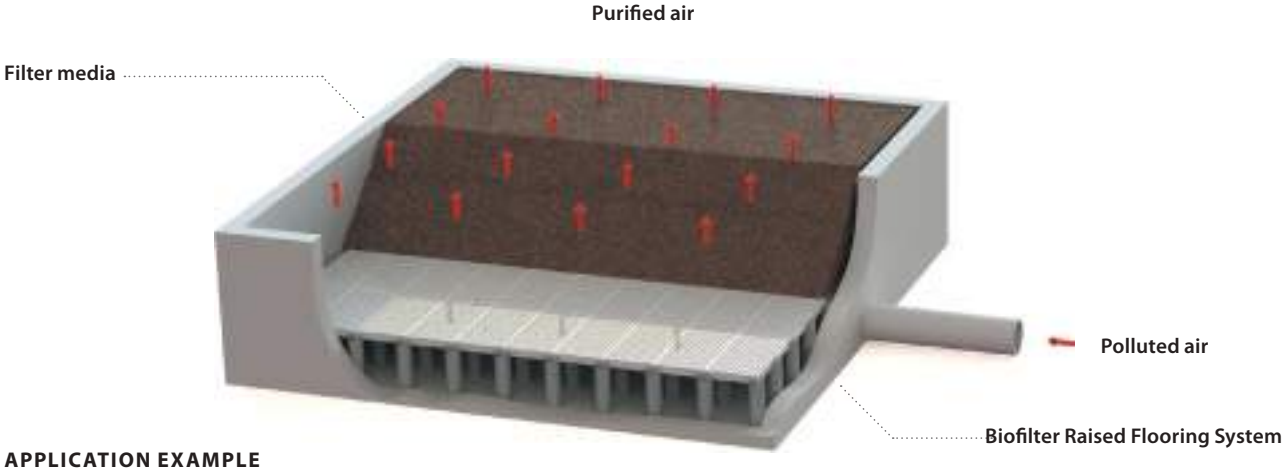
Colour



PRODUCT INFO

- For polluted air filter systems or drying facilities (eg. grain drying)
- Heavy-duty floor grating, 100 x 50 x 8 cm (L x W x H)
- Ø 15 cm floor supports available in lengths from 30 – 100 cm
- Absorbs no moisture
- Acid and alkali resistant

For more information, visit
www.hahnbiofilterfloor.com



APPLICATION EXAMPLE



VENTILATION CHANNELS

The durable alternative



Colour



PRODUCT INFO

- 100 x 37.3 x 20.5 cm (L x W x H)
- Easy to transport (only 23 kg)
- Easy to process with standard commercial tools
- Easy assembly
- Versions with front or end piece and pipe connection are available
- Acid and alkali resistant



CABLE DUCTS

Robust and cost-efficient



Colour



PRODUCT INFO

Large duct

- 114.5 x 55 x 38.8 cm (L x W x H)
- Much lighter than concrete (approx. 55 kg)
- Capacity for large cable volumes
- Cover locked with brackets
- Absorbs no moisture
- Acid and alkali resistant



PRODUCT INFO

Standard duct

- 100 x 37.3 x 20.5 cm (L x W x H)
- Easy to transport (only 23 kg)
- Easy to process with standard commercial tools
- Easy assembly



WEDGED DUNNAGE

Solid, versatile, and robust



Colour



PRODUCT INFO

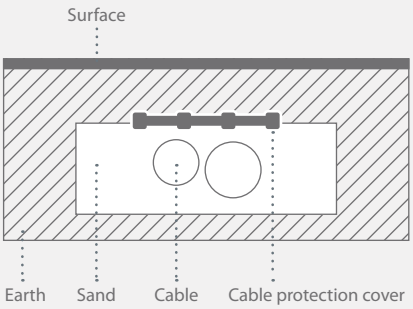
- Reusable
- Mould resistant (unlike wood)
- Moisture and dirt repellent
- Available in a variety of shapes and sizes
- Dimensions in cross-section:
  - 11.3 x 5.0 cm, max. length 240 cm

CABLE PROTECTION COVER

With stabilisation grooves



Colour



PRODUCT INFO

- Protects wires and supply cables from damages during excavation
- Low weight, only 7.2 kg per piece
- Extremely safe due to wall thickness
- Dimensions 101.0 x 20.0 x 5.0 cm

INDEX

You know exactly which hanit® product you are looking for or you know the product name or category? Use the index to find the corresponding document page.

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TERMS AND CONDITIONS OF SALE AND DELIVERY

SCOPE OF APPLICATION

The following General Terms and Conditions of Business (GT&Cs) for the sale and delivery of Goods shall apply to business-to-business sales only between Hahn Plastics Limited (company number 08268517) whose registered office address is at Pilkingtons Site, Rake Lane, Swinton, Manchester, M27 8LJ (**"the Supplier"**) and a business customer named in the Supplier's Order confirmation (**"the Customer"**) and both **"the parties"**.

In these GT&Cs, the following definitions shall apply:

"Business Day" means a day other than a Saturday, Sunday or public holiday in England, when banks in London are open for business.

"Contract" means the contract between the Supplier and the Customer for the sale and purchase of Goods in accordance with these GT&Cs.

"Force Majeure Event" means any event outside a party's reasonable control including, but not limited to acts of God, war, flood, fire, pandemic or epidemic, labour disputes, strikes, lock-outs, riots, civil commotion, malicious damage, explosion, terrorism, governmental or regulatory actions (including without limitation imposing an export or import restriction, quota or prohibition or failing to grant a necessary licence or consent), non-performance by Suppliers or subcontractors, interruption or failure of utility service or any other similar events.

"Goods" means the goods (or any part of them) supplied to the Customer in accordance with a Contract.

"Intellectual Property Rights" means all intellectual property rights wherever in the world, whether registered or unregistered, including any application or right of application for such rights (and the "intellectual property rights" referred to above include but are not limited to copyright and related rights, database rights, confidential information, trade secrets, know-how, business names, trade names, trademarks, service marks, passing off rights, unfair competition rights, patents, petty patents, utility models, semi-conductor topography rights and rights in designs).

"Order" means the Customer's order for Goods, as set out in the Customer's written acceptance of the Supplier's quote or in correspondence between the parties, or as confirmed in the Supplier's written order confirmation of the Customer's order, as the case may be.

I. GENERAL

1. The Order constitutes an offer by the Customer to purchase the Goods in accordance with these GT&Cs. An Order shall only be deemed accepted and become binding on the Supplier when the Supplier issues written confirmation of the Customer's Order at which point the Contract shall come into existence. Any amendment or variation of the Contract must be in writing and agreed between the parties. A quotation for the Goods provided by the Supplier shall not constitute an offer and shall be subject to change without notice, unless specified as a fixed quote in writing.
2. These GT&Cs shall apply to each Contract between the parties for the sale and delivery of Goods to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by law, trade custom, practice or course of dealing. The Customer's terms and conditions of business shall not apply to any such Contract, unless expressly accepted by the Supplier in writing.
3. The Customer shall be responsible for checking and satisfying itself as to the completeness, accuracy and timely submission of any Order for Goods or of the execution documents to be obtained or drawn up by the Customer.
4. Where the Customer makes an Order for the production of a high quantity of Goods and the Supplier acts on that request by reserving production capacities for the manufacture of such Goods, if such quantity of Goods is no longer required or is delayed for reasons attributable to the Customer, the Customer shall be liable for all losses incurred as a result by the Supplier.
5. The Supplier shall not be liable for or bound by evident printing errors including (but not limited to) any evident errors in pricing or in any specification for the Goods.
6. If any individual provision or part-provision is these GT&Cs is or becomes invalid, illegal or unenforceable, the parties' agree it shall be deemed deleted, but that shall not affect validity and enforceability of the remaining terms in these GT&Cs.

II. PRICES

1. Unless otherwise specifically agreed between the parties, all prices shall be ex works with all stated prices (where applicable) being exclusive of freight charges and other transportation costs (where applicable and including insurance costs), customs duties, import levies, incidental levies, packaging and pallet costs, labour costs and VAT (at the statutory rate) and other similar expenses which will be invoiced to the Customer and payable in addition.
2. The Supplier's prices are calculated based on the pricing conditions that apply at the time of carrying out the calculation. If the cost of supplying the Goods (including without limitation in relation to materials, labour, other manufacturing costs or any other factor which is beyond the Supplier's control) materially changes between the conclusion of the Contract and the actual delivery date, the Supplier may (by giving notice to the Customer) increase the price of the Goods to reflect any increase in the costs of the Goods. Where the cost of supplying the Goods increases by 20% or more of the total price of the Goods, either party may terminate the Contract where an agreement on price cannot be achieved between the parties.
3. Where is it agreed that the price shall be determined by the weight of the Goods, the price shall be based on the weight of samples approved and supplied by the Supplier.
4. Where the Supplier has agreed to carry out the installation or assembly of the Goods at the Customer's request, the Customer shall pay an additional fee for these services to be agreed between the parties which will be inclusive of all expenses incurred by the Supplier in providing the services (including but not limited to travel expenses, cost of transportation of tools and personal luggage, and other ancillary costs).
5. The Supplier shall not be bound by any previous stated prices or previous quotes provided to a Customer where a new or follow-up order is placed by the Customer.
6. Unless otherwise agreed, the Supplier has a minimum order value per Order of £250.00 (net of all expenses and VAT). An additional charge may be applied by the Supplier on any Orders below this amount in the sum of £40.00 (net of all expenses and VAT) per each order below the minimum level.

III. DELIVERY AND ACCEPTANCE

1. Unless otherwise agreed, delivery of the Goods shall take place at the Supplier's nominated place of delivery (as notified to the Customer by the Supplier in advance of delivery). Collection of the Goods by the Customer shall take place within 3 Business Days of the Supplier notifying the Customer that the Goods are ready for collection. Delivery is completed on the completion of loading the Goods at the Supplier's nominated place of delivery. Where the parties agree that the Goods will be delivered by the Supplier to any other place that is not the Supplier's nominated place of delivery, this shall be at the Customer's own risk from loading of the Goods at the Supplier's nominated place.
2. Unless otherwise agreed, any dates provided for delivery are approximate only and time of delivery is not of the essence. Where a delivery period is agreed between the parties, such delivery period shall start to run when the Supplier notifies the Customer that each of the following has been received from the Customer: (i) all documents and information necessary to fulfil the Order, (ii) where applicable, any upfront payment set out in the Order; or (iii) the timely delivery of any material to be supplied by the Customer to the Supplier. Unless otherwise agreed, a time period for delivery shall mean the time to the Goods being made available for collection or shipment at the Supplier's nominated place of delivery.
3. If the Supplier fails to deliver the Goods after a reasonable time, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement Goods of similar description and quality in the cheapest market available, less the price of the non-delivered Goods. The Supplier shall have no liability for any failure to deliver the Goods that is caused by a Force Majeure Event or the Customer's gross negligence or wrongful intent, failure to provide the Supplier with adequate instructions that are relevant to the supply of the Goods or has defaulted on accepting receipt of the Goods.
4. If at any time the Supplier becomes aware or reasonably suspects that the Customer

is insolvent, suspends or ceases trading or its financial position is such that it may be incapable to adequately fulfil its obligations under the Contract, the Supplier shall be entitled to amend the payment terms set out in this clause III, including (without limitation) by requesting payment on demand or by requesting payment concurrently with delivery of the Goods. The Supplier reserves the right to delay delivery until any upfront payment requested (including without limit under clause VII. 2) is paid by the Customer.

5. The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment. If the Supplier delivers up to and including 5% more or less than the quantity of Goods ordered the Customer may not reject them.
6. Where the Supplier and Customer agree to a call-off arrangement where the term, manufacturing batch sizes or other such particulars have not been agreed upon in advance, the Supplier may no later than 3 months after concluding the Contract with the Customer request that such particulars be provided. If the Customer fails to provide such particulars within three weeks, the Supplier shall be entitled (at its option and following a two-week grace period) to demand immediate delivery of Goods alongside concurrent payment, to immediately terminate the contract and/or to claim damages from the Customer.
7. If the Customer fails to take actual delivery of the Goods within 10 Business Days of the Supplier notifying the Customer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event, the Supplier (without prejudice to its others rights) may resell or otherwise dispose of part of all of the Goods and, after deducting reasonable storage and selling costs, account to the Customer for any excess over the price of the Goods or charge the Customer for any shortfall below the price of the Goods.
8. The Supplier shall be entitled to use raw materials or other materials that deviate from those set out in the Contract and any sample provided to the Customer insofar as the replacement materials are not of material difference in terms of usability to those set out in the Contract. In particular, the Customer acknowledges that due to the nature of the material, the colour or surface finish of the Goods may vary.
9. All packaging materials made available by the Supplier to the Customer shall be returned to the Supplier at the nominated place of delivery if possible, otherwise the Customer shall make any such packaging available for collection by the Supplier at such times as the Supplier shall reasonably request. The expenses of collection of packaging materials by the Supplier shall be borne by the Supplier.
10. The Customer may only return non-defective Goods to the Supplier with the Supplier's consent. Where the Supplier consents to a return of non-defective Goods, the Supplier shall be permitted to charge a minimum restocking fee to the Customer of either 10% of the net value of the Goods or £50.00 (whichever is higher).
11. Entry Certificate / intra-Community delivery

    For the purposes of this clause III. 11 **"intra-Community"** shall be a reference to the transfer or transportation of Goods purchased and collected by the Customer between different member states of the EU.

    (a) Where the Customer collects the Goods itself (or procures the collection of the Goods by a third party), and the Goods enter another EU member state from the place of collection, the Customer will receive an invoice excluding VAT where this clause applies. Any tax exemption applied to intra-Community deliveries shall be conditional on the Customer confirming by notice in writing to the Supplier within 3 months of the collection of the Goods that the Goods have entered another EU member state. By providing this confirmation, the Customer makes a declaration that the Goods have actually entered another EU member state ("Entry Certificate").

    (b) Where the Customer does not provide an Entry Certificate to the Supplier within 3 months of the Customer collecting the Goods, the Supplier is entitled to correct any invoice to include VAT. Where an invoice is corrected to include VAT, the Customer shall pay the VAT to the Supplier immediately on demand.

    (c) The Customer acknowledges and accepts that, where the Customer has previously not supplied an Entry Certificate, the Supplier shall automatically charge VAT on any future orders. Where this clause applies and the Customer provides an Entry Certificate for future orders, the Supplier shall refund the VAT charged to the Customer on receipt of a valid Entry Certificate for those Goods.

    (d) If the Customer does not send the Supplier an Entry Certificate in due time, the Supplier shall, in the case of future purchases by the Customer, be entitled to charge VAT even if the Goods are collected by the Customer itself and enter another EU Member State. In this case, the Supplier shall refund the VAT to the Customer if the Customer provides an Entry Certificate to the Supplier.

IV. PACKAGING, SHIPMENT AND RISK

1. Where the parties agree that the Supplier will arrange delivery on behalf of the Customer to the Customer's premises, (unless otherwise agreed between the parties) the packaging of Goods, the method of shipment and the route of shipment shall be at the sole discretion of the Supplier. The Customer shall be responsible for all expenses and costs of the delivery.
2. Where the Supplier is arranging delivery for the Customer, the risk in the Goods shall pass to the Customer immediately upon the Goods leaving the Supplier's premises. Where the dispatch of the delivery from the Supplier's premises is delayed due to a fault on the part of the Customer, the risk shall be deemed to have passed on notification of readiness for delivery from the Supplier. Where such a delay occurs, the Customer shall be obliged to bear all costs of storage.
3. Where it is agreed that the Supplier shall deliver the Goods to the Customer's premises, this shall be subject to suitable access roads and to unloading by the Customer without delay; otherwise, the Customer shall be liable for any incurred loss and additional expenditure.
4. At the Customer's written request and expense, the Goods shall be insured against risks specified by the Customer.

V. TITLE OF GOODS

1. Title to the Goods shall remain with the Supplier until the earlier of (i) all outstanding payments of the Customer (including under the Contract and any other contracts) are paid in full and cleared funds by the Customer or (ii) the Customer resells the Goods, in which case title to the Goods shall pass to the Customer in accordance with clause V.3.
2. Until title to the Goods has passed to the Customer, the Customer shall: (i) store the Goods separately from all other Goods held by the Customer so that they remain readily identifiable as the Supplier's property, (ii) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods, (iii) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery, (iv) notify the Supplier immediately if the Customer is or becomes insolvent, suspends or ceases trading or where its financial position is such that it may be incapable to adequately fulfil its obligations under the Contract or any similar circumstances occur, (v) give the Supplier such information relating to the Goods as the Supplier may require from time to time; and (vi) allow the Supplier to enter any premises of the Customer or any third party where the Goods are stored at any time to repossess them.
3. The Customer may resell or use the Goods in the ordinary course of business (but not otherwise) before title has passed to the Supplier and before the Supplier receives payment. However, if the Customer resells or uses the Goods before such time, (i) it does so as principal and not as agent; and (ii) title the Goods shall pass from the Supplier to the Customer immediately before the time at which resale or use by the Customer occurs. The Customer shall not be entitled to make any other dispositions in respect of the Goods under retention of title (including but not limited to mortgaging, pledging or using the Goods as security). Where the Customer becomes subject to any of the circumstances set out at clause V.2(iv) then, without limiting any other right or remedy, the Supplier may have the Customer's right to resell or use the Goods in the ordinary course of business cease immediately.
4. Any pledging or seizure of the Goods under retention of title by a third party shall be reported to the Supplier without delay. Any costs resulting from such action shall be chargeable to the Customer, unless the costs are paid by a third party.
5. The Supplier may at any time prior to the title of the Goods transferring: (i) require the Customer to deliver up all Goods in its possession that have not been resold, (ii) if the Customer fails to deliver up promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

VI. QUALITY OF GOODS

1. Subject to this section VI,the Supplier warrants that on delivery and for the Warranty Period, the Goods shall: (i) conform in all material respects with their description and any applicable specification or samples approved by the Customer, (ii) be free from material defects in design, material and workmanship, (iii) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979); and (iv) be fit for any purpose held out by the Supplier.
2. The Warranty Period will be 20 years from the date of delivery save that:

(a) for reinforced posts the Warranty Period will be 5 years from the date of delivery;

(b) for custom-made products, industrial profiles, finished parts and systems, second quality and remaining stock sales reinforced posts the Warranty Period will be 12 months from the date of delivery; and

(c) where the Goods are not manufactured by the Supplier, the Supplier warrants that the Goods shall comply with the warranty at clause VI.1 at the date of delivery only. Where the Goods are not manufactured by the Supplier, the Supplier shall use reasonable endeavours to pass on to the Customer any warranty it receives for the Goods from the manufacturer.

3. Upon receipt of the delivery, the Customer shall, without delay, inspect the Goods and immediately (and in any event within the warranty period at clause VI.1) report in writing if any of the Goods do not comply with the warranty set out at clause VI.1 and shall provide such details of its order and photographic evidence as the Supplier may require.
4. Upon receipt of notice from the Customer during the warranty that the Goods, or some of the Goods, do not comply with the warranty set out at clause VI.1, the Supplier shall be given a reasonable opportunity of examining such Goods and may request the return of the Goods by the Customer to the Supplier's place of business at the Customer's cost (to be reimbursed if on inspection the Goods do not conform with the warranty set out at clause VI.1). The Supplier shall, at its option, repair or replace any defective Goods, or refund the price of any defective Goods in full. For the avoidance of doubt, the Supplier will not be required to reimburse costs of transport, installation, re-installation or any consequential damage, disassembly, or other costs.
5. The Supplier shall not be liable for any breach of warranty where the Goods are not fit for a specific purpose required by the Customer unless the Customer has notified the Supplier of that specific purpose prior to the completion of the Contract and the Supplier provides an express warranty in writing relating to that specific purpose.
6. The Customer acknowledges and accepts that due to the nature of the material used to manufacture the Goods, there may be minor fluctuations in the aesthetic appearance and quality of the Goods (particularly but not limited to relating to its colour or surface finish) which may deviate from any specification or sample provided by the Supplier. The Customer accepts that the Supplier has no control over such qualities and will not be liable for them as if they were a defect where the Goods delivered are fit for their intended use. Any agreement on the specified colour of any Goods will therefore be based on the general colour of the Goods, taking into account the minor fluctuations in colour which may occur.
7. Notwithstanding clause VI.1, the Customer acknowledges and accepts that (and the Supplier shall not have any liability in relation to):

   (a) where Goods are used outdoors and are exposed to certain weather and other conditions for a prolonged period, the colour and the surface quality (but not the use) of the Goods may alter. The Supplier does not provide any guarantee to the Customer in respect of colour fastness; and

   (b) where the Goods are exposed to heat or cold temperatures, the size of the Goods may fluctuate by +/- 1.5% which should be borne in mind by the Customer when installing the Goods.

8. The Supplier shall not be liable to comply with the warranty set out at clause VI. 1 if the defect arises due to: (i) improper handling or installation of the Goods by the Customer or a third party or handling of the Goods that is contrary to any oral or written instructions provided by the Supplier to the Customer or contrary to Good trade practice, (ii) where the Customer (or a third party) has taken steps to fix any defect without the Supplier's consent or continues to use the Goods after having become aware of the defect; (iii) fair wear and tear, wilful damage, negligence, abnormal storage or working conditions, (iv) the Supplier following any drawing, design or specification supplied by the Customer; (v) the Customer altering or repairing the Goods without the consent of the Supplier; or (vi) the Goods differing from their specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

VII. TERMS OF PAYMENT

1. Unless otherwise agreed all payments and expenses shall be made by the Customer in full and in cleared funds, without any deduction or set-off, within 30 days of the date of an invoice.
2. Where the Customer places an Order for custom-made or bespoke products, the Customer shall pay 30% of the total payment amount due for the Goods upfront when ordering, 60% of the total payment amount due when notified by the Supplier that the Goods are ready for delivery and 10% of the total payment amount due upon delivery of the Goods.
3. All payments made under these GT&Cs shall be made £ (pounds) directly to the Supplier. Agents shall not be entitled to collect payments.
4. If the Customer fails to make payment due to the Supplier under the Contract by the due date, then, without limiting the Supplier's other remedies, the Customer shall pay interest on the overdue sum from the due date until payment of the overdue sum, whether before or after judgment. Interest under this clause will accrue each day at 8% a year above the Bank of England's base rate from time to time, but at 8% a year for any period when that base rate is below 0%.
5. The Customer shall pay all sums payable under a Contract in full without set-off, counterclaim, deduction or withholding (other than any deduction or withholding of taxes as required by law).
6. Where the Customer makes a payment for Goods, any such payment received will first be used to set-off earlier payments that are due and have not been paid (whether under the Contract or any other contract with the Customer). Any surplus amount shall then be credited against the current invoice for which the payment was intended.

VIII. MOULDS (TOOLS)

1. The Supplier is, and shall remain, the owner of the moulds manufactured in connection with the order by the Supplier itself or by a third party engaged by the Supplier. Any charge to the Customer relating to the costs of the mould shall not be an indication that the Customer has any rights to the moulds except as set out in these GT&Cs. Moulds made to the Customer's specification shall be used exclusively for the Customer's orders as long as the Customer meets its obligations under the Contract. If the moulds become unusable due to wear and tear in the course of normal use, the Supplier may charge the Customer on a pro-rate basis for mould costs anew. The Supplier shall be obliged to replace any moulds that require replacing free of charge if such moulds are necessary for fulfilling an output quantity guaranteed by the Supplier to the Customer. Subject to providing prior notice to the Customer, the Supplier's obligation to hold any moulds in safekeeping on its premises or on the premises of a third party shall expire two years after the last delivery of parts from such mould.
2. The price for moulds shall include the costs for a single supply of samples to the Customer (but will not include the costs for testing and machining devices or for alterations required by the Customer to the mould). Any additional costs for the supply of samples for reasons attributable to the Supplier shall be borne by the Supplier.
3. Where the parties reach a separate agreement that the Customer is to become the owner of the moulds, such agreement must be in writing. Where this is the case, the title to the moulds shall pass to the Customer on full payment of the purchase price in cleared funds. The Supplier shall retain possession of the moulds at all times on behalf of the Customer (without the right for the Customer to recover possession of such moulds and regardless of the service life of such moulds) until the Contract has ended. The Supplier shall at all times mark the moulds as being the property of the Customer and shall, at the Customer's request, insure the moulds in their possession at the cost of the Customer.
4. Regardless of whether the moulds are owned by the Customer in accordance with clause VIII.3, or made available to the Customer on loan for the duration of a Contract, the Supplier's responsibility for the moulds in relation to their safekeeping and maintenance shall be limited at all times to the diligence the Supplier applies to its own affairs. All servicing and insurance costs of the moulds shall be borne by the Customer. Where the moulds are owned by the Customer, the Supplier's obligations in relation to the moulds shall cease within a reasonable period of completion of a Contract where the moulds have not been collected on reasonable notice to the Customer to collect them. Where the Customer owns the moulds, this right to ownership shall cease immediately where the Customer has not fully met its obligations under the Contract.

IX. SUPPLY OF CUSTOMER MATERIALS

1. The Customer agrees to supply all necessary materials to enable the Supplier to perform its obligations under the Contract in a timely manner, in Good condition and with an appropriate quantity (with a surplus of at least 5%).
2. The Supplier shall not be responsible for any delay in delivering the Goods or in performing any of its obligations under the Contract where such delay is caused by the Customer's failure to comply with clause IX.1. Except in the case of a Force Majeure Event, the Customer shall be responsible for all costs that arise out of its failure to comply with clause IX.1 that is as a result of the Customer not complying with clause IX.1 shall

X. LIMITATION OF LIABILITY AND CLAIMS

1. Except as set out in these GT&Cs, All warranties, representations, terms, conditions and duties implied by law relating to fitness, quality and/or adequacy are excluded to the fullest extent permitted by law.
2. Nothing in these GT&Cs shall exclude any liability which cannot legally be limited, including (but not limited to) liability for:
   (a) death or personal injury caused by negligence;
   (b) fraud or fraudulent misrepresentation; and
   (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979 or section 2 of the Supply of Goods and Services Act 1982 (title and quiet possession).
3. The Supplier shall have no liability to the Customer whether arising in contract, tort (including negligence) or otherwise for:
   (a) any loss (whether direct or indirect) of profits, sales or business revenue, anticipated savings, reputation or Goodwill;
   (b) any special, indirect or consequential loss, costs, damages, charges or expenses however arising; and
   (c) any business interruption, loss of business, contracts and/or opportunity.
4. Subject to clause X.2, the Supplier's total liability to the Customer in respect of all claims and other losses arising under or in connection with a Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the total price of the Goods under the Contract.

XI. INTELLECTUAL PROPERTY RIGHTS

1. To the extent that the Goods are to be provided in accordance with a specification, drawings, models or samples supplied by the Customer, the Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential loss, loss of profit, loss of reputation and all interest, penalties and legal costs (calculated on a full indemnity basis) and all other professional costs and expenses) suffered or incurred by the Supplier arising out of or in connection with any claim made against the Supplier for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Suppliers' use of the specification, drawing, model or sample for the Goods. This clause XI.1 shall survive termination of the Contract. Where the Supplier receives notification or a claim from a third party alleging its use of a specification, drawing, model or sample provided by the Customer breaches the third party's intellectual property rights, the Supplier shall be entitled to discontinue performing it obligations under the Contract until the position has been confirmed. If such delay makes it unreasonable or impossible for the Supplier to continue performing its obligations under the Contract, the Supplier shall be entitled to immediately terminate the Contract on notice.
2. Where a Customer or potential Customer provides drawings and samples to the Supplier and the drawings or samples are not used as part of an Order, the Supplier shall return such drawings and samples on request on the cost of the Customer or potential Customer. Otherwise, the Supplier shall be entitled to destroy the drawings or samples after 3 months of receiving them from the Customer or potential Customer.
3. The Customer acknowledges that the Supplier owns all the Intellectual Property Rights in the models, moulds, devices, drafts and drawings created or provided by the Supplier or a third party on the Supplier's behalf used in the manufacturing of Goods under a Contract. The Supplier shall ensure that materials used or provided by the Supplier under clause XI.1 under the Contract shall not breach a third party's Intellectual Property Rights in the country where delivery of the Goods shall take place. The Customer shall only be permitted to use such materials in accordance with specific instructions provided by the Supplier.
4. Unless otherwise agreed, the Supplier warrants that on delivery the Goods shall not infringe any third party Intellectual Property Rights in the country where delivery takes place. The Supplier gives no warranty that the Goods will not infringe all third party Intellectual Property Rights in any country other than the country where delivery takes place. Where applicable, it is the responsibility of the Customer to ensure that where it purchases Goods from the Supplier, any onward sale or transfer of such Goods outside of the country where delivery takes place will not infringe the Intellectual Property Rights of any third party. The Customer shall immediately notify the Supplier in writing where it receives or is made aware of any claim from a third party alleging that its use of Goods infringe a third party's Intellectual Property Rights, regardless of where such alleged breach occurs. Where, in the Supplier's opinion (acting reasonably), such a claim is likely to be justified, the Customer shall take all reasonable steps to ensure that it is no longer infringing that third party's Intellectual Property Rights (including but not limited to stopping or modifying its use of the Product in breach of the third party's Intellectual Property Rights or by procuring a licence from the third party to continue its use of the Product).

XII. GENERAL

1. **Force majeure**. Neither party shall be in breach of the Contract nor liable for delay in performing, or failing to perform, any of its obligations (excluding payment obligations) under the Contract if such delay or failure is due to a Force Majeure Event. In such circumstances, the affected party will notify the other party of the Force Majeure Event and the time for performance shall be extended by the period during which performance of the obligation has been delayed or failed to be performed. The affected party will use all reasonable endeavours to mitigate the effect of the Force Majeure Event on the performance of its obligations. If the period of delay or non-performance continues for 12 weeks, the party not affected may terminate the Contract by giving 7 days' written notice to the affected party.
2. **Assignment and other dealings**. The Supplier may assign, transfer, charge, subcontract, declare a trust over or deal in any other manner with any of its rights and obligations under a Contract. The Customer shall not assign, transfer, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights and obligations under a Contract without the Supplier's written consent.
3. **Notices**. Any notice given to a party under or in connection with a Contract shall be in writing and addressed to the address contained in these GT&Cs (or as otherwise nominated by a party to the other in writing) and shall be deemed to have been delivered on delivery if by hand or within 48 hours of posting if sent by prepaid first class registered post. A notice given under this Contract is not valid if sent by email.
4. **Waiver**. No waiver by either party of any provision or part-provision of a Contract shall be considered to be a waiver of any subsequent breach of the same provision or any other provision.
5. **Entire agreement**. The Contract constitutes the entire agreement between the parties and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to the subject matter.
6. **Third party rights**. All third party rights are excluded and no third parties shall have any rights to enforce the Contract.
7. **Variation**. No variation of the Contract shall be effective unless it is in writing and signed by both parties (or their authorised representatives).
8. **Jurisdiction**. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this Contract or its subject matter or formation.
9. **Governing law**. The Contract, and any dispute or claim (including any non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be exclusively governed by and construed in accordance with the laws of England and Wales.

WARRANTY FOR hanit® RECYCLED PLASTIC PRODUCTS

1. WARRANTY AND DURATION

Subject to any additional terms, conditions or exclusions contained in the applicable version of HAHN Plastic Limited's General Terms and Conditions of Business ("GT&Cs"), HAHN Plastic Limited warrants that on delivery, and for a period of 20 years from the date of delivery of the product (the "Warranty Period"), the hanit® recycled plastic products shall be delivered free of material defects in design, material and workmanship.

Colour is not a part of this warranty.

2. MATERIAL PROPERTIES OF hanit® RECYCLED PLASTIC PRODUCTS

Recycled plastic products may show variations in colour and dimensions (with a fluctuation of up to +/- 1.5%). Recycled products may vary in surface finish and show production-related textured surfaces, inclusions, and cavities. Due to this, the given weight, dimensions, colour and surface finish are approximate only and do not form part of this warranty. For further details, see the applicable version of the GT&Cs.

3. WARRANTY CONDITIONS

Subject always to any further conditions contained in the applicable version of GT&Cs and any exclusions, HAHN shall at its option replace and/or repair and/or refund hanit® recycled plastic products after a thorough inspection should our goods be found to be defective during the Warranty Period in spite of proper installation, application and use.

Installation and application of our products according to assembly and installation instructions are a prerequisite for warranty adjustments.

Any reimbursements of transport costs, installation, re-installation, consequential damage, disassembly, or other costs are excluded from this warranty.

4. WARRANTY HANDLING

For correct and speedy processing in case of a warranty claim, please contact HAHN in writing during the Warranty Period and include the following documentation:

» a copy of the invoice

» a detailed description of the defect

» photos and/or a sample of the faulty product

For more information on how a warranty claim will be processed, see the applicable version of the GT&Cs.

5. EXCLUSION OF WARRANTY

In addition to any exclusions or restrictions which are set out in the applicable version of the GT&C's, the following items do not constitute warranty claims:

a) defects that can be ascribed to normal wear and tear

b) defects such as discolouration and expansion caused by weather and climatic conditions

c) defects caused by actions of the customer or third parties (improper use and assembly, modification of the product, use of parts from other suppliers, inappropriate transport, packaging, and storage)

6. PRODUCTS NOT BENEFITTING FROM 20 YEAR WARRANTY

In addition to any other excluded products set out in the applicable version of the GT&C's, the following products do not benefit from the 20 year warranty set out herein:

a) second quality and remaining stock sales (warranty for these products is restricted to 12 months from the date of delivery)

b) custom-made products, industrial profiles, finished parts and systems (warranty for these products is restricted to 12 months from the date of delivery)

c) goods not manufactured by companies of the HAHN Group

d) reinforced posts and reinforced board profile 4.2 x 12.0 cm, warranties for these products are restricted to 5 years from the date of delivery

7. PLACE OF JURISDICTION

The place of jurisdiction and governing law of this warranty shall be as set out in the applicable version of the GT&Cs.

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