



hani

Preserves natural resources



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## **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 at 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 what he believed in 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.



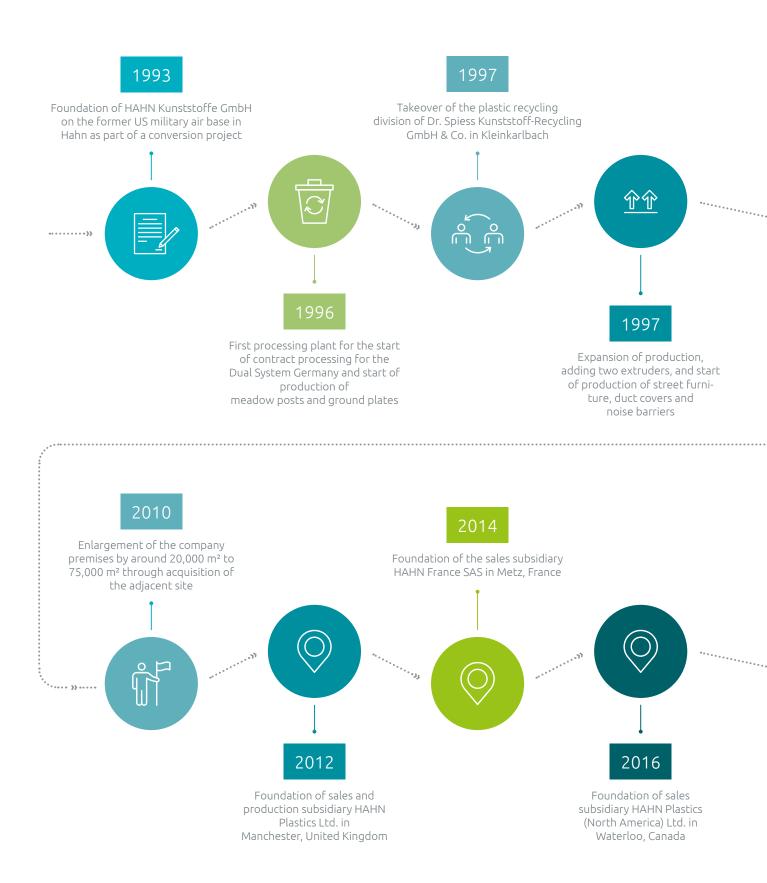
## PLASTIC RECYCLING IS OUR PASSION

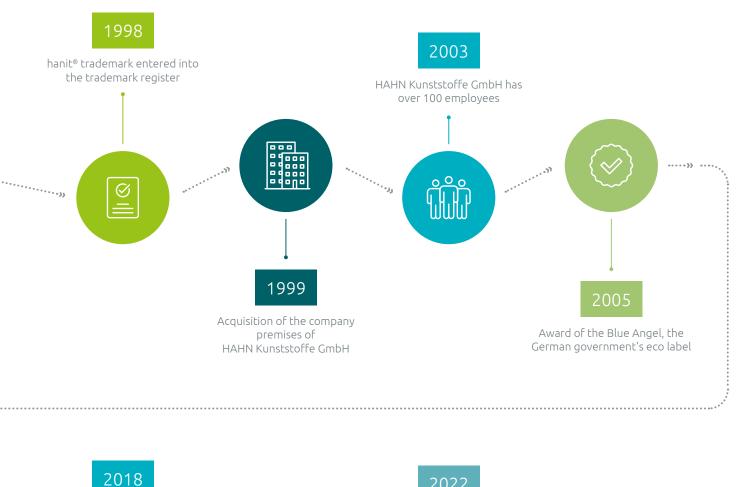
Why the world of hanit<sup>®</sup> is unique. In addition to reducing waste, a key and necessary step towards protecting our environment and preserving important livelihoods is in particular a sustainable circular economy and therefore high quality recycling of existing reusable materials. At HAHN Kunststoffe, we see plastic recycling as an ideal way to recycle consumed resources and counteract the lack of resources. For this reason, as a company we have set ourselves the goal of being a global leader in the production of recycled finished parts made from post-consumer plastics to help shape the future in a more sustainable way.

We currently process several 10.000 tons of recycled material a year in the form of films and mixed plastics from the Dual Systems. With our own treatment processes, we are able to achieve maximum recycling rates and keep the number of materials that end up in the waste stream to a minimum. In this way, hanit<sup>®</sup>, our material is produced, and the starting material for new plastic products. Instead of primary raw materials such as crude oil, we only use plastic from household and production waste to produce hanit<sup>®</sup>. Through this pioneering and efficient use of raw materials and optimal resource management, we at HAHN Kunststoffe want to make a positive contribution to society and our environment.

We believe in hanit<sup>®</sup> as a future-oriented sustainable material. The robust and weather-proof artificial wood is highly resistant and ideal for products that are exposed to high loads. Moisture, frost or UV rays cannot cause any permanent damage to our material - the perfect prerequisite for a very long service life. And hanit<sup>®</sup> is not only made from 100% recycled plastic, it is also 100% recyclable, thereby conserving resources and the environment over its entire life cycle. That is one of the reasons why many of our products since 2005 have been awarded the Blue Angel, an eco-label introduced by the German government.

## **MILESTONES** Our corporate history at a glance







## **PROCESSING TIPS** Tips & tricks for working with hanit<sup>®</sup>

Environmentally-friendly hanit<sup>®</sup> consists of 100% recycled plastic and is characterised by its wide range of uses. In addition to being environmentally friendly, it is the outstanding product performance which makes the material unique, since hanit<sup>®</sup> combines the positive characteristics of wood, stone, plastic and concrete, offers a high utility value outdoors and is great value for money. hanit<sup>®</sup> quickly pays for itself on every level. Products made from hanit<sup>®</sup> can be easily installed without a great deal of previous technical knowledge, are easy to transport and protect the climate and your budget by reducing the amount of new material that is required.

#### Special characteristics of recycled plastic

hanit<sup>®</sup> is just as easy to process as wood, and can be machined with wood and metal processing tools and machinery without problems, meaning that our recycled plastic products can be flexibly adapted to any project, and are suitable for almost any use. However, due to the properties of the material, there are several special characteristics which need to be taken into consideration when machining hanit<sup>®</sup>.

Recycled products have a closed surface. The core, on the other hand, has a partially grid-like structure that becomes visible during machining. However, this material-related characteristic does not affect the machining and stability of the material. Even though hanit<sup>®</sup> is much lighter than concrete or stone, its high density is clear during processing. This density gives the material its strength and makes it a popular alternative with many professionals.

Machining recycled plastic normally results in more wear on tools, so we recommend the use of carbide-tipped tools for working with hanit<sup>®</sup>. Some hanit<sup>®</sup> products also feature metal reinforcement for more even stability. Cuts must be avoided when using these products. Swarf can occur when machining recycled plastic, as is also the case with wood. Collect it using appropriate extraction systems or devices so that it can be recycled or disposed of afterwards.

#### Nailing

Hammer and nails or guns are also not a problem for our hanit<sup>®</sup> recycled plastic. It should be noted during fixing that penetrating into the profiles is somewhat more difficult than with wood because of the compact surface.



#### Knocking in profiles

If recycled profiles are being knocked in, we recommend using a pile driver or edge protector to avoid damage to the product.

#### Expansion distance

Planks, thresholds and square profiles made from hanit<sup>®</sup> recycled plastic may not be press fitted. Since the profiles can have temperature-related length fluctuations of +/- 1.5 %, an expansion distance (expansion gap) should be adhered to during installation.



#### Documents

Static verifications, installation recommendations and assembly instructions are available for many products and applications. You can find more information at www.hanit.de in the download section or directly from the relevant product.

#### Screwing

When hanit<sup>®</sup> recycled products are being screwed in place, the profile that is being secured, such as a plank, decking or a square profile, should be pre-drilled. The drill hole should be bigger than the screw. We also recommend elongated holes to take account of the thermally induced expansion of the material.



In contrast to wood or metal products, recycled plastic is less rigid and more flexible. This special material characteristic should be taken into consideration accordingly, particularly when building jetties, fences and terraces.



## **TOOL SELECTION**

hanit<sup>®</sup> is easy to work with



#### Sawing & cutting

An optimum cutting pattern can best be achieved with recycled plastic using fast band saws and circular saws with slightly straight-set teeth made from carbide. We recommend removing swarf quickly to avoid clogging the recycled plastic.



#### Planing

An electric plane can be used to machine hanit<sup>®</sup>. The surface depends on the feed rate, cutting speed, clearance and rake angle and the condition of the blades to a considerable extent.



#### Deburring

Angle grinders are not suitable for cutting work on hanit<sup>®</sup> because of the high rotational speed. On the other hand, an angle grinder can be used without problems on plastic parts which have burrs or edges after machining.



#### Drilling

A standard drill with a twist angle of 20 to 30° and a tip angle of 110 to 120° can be used in the majority of cases when drilling recycled plastic. Relaxation strokes should occasionally be used to avoid high frictional heat, particularly at greater drilling depths.



#### Milling

When hanit® artificial wood is being milled, a swarf cross-section that is as large as possible should be selected in order to minimise the amount of heat generated by swarf removal. The maximum cutting depth and feed rate should be used, whereas the cutting speed should be slow. To increase the service life of the tools, we recommend using milling cutters made from carbide.

## **RECYCLED PLASTIC PRODUCTS**

### Safety guaranteed

Many conventional materials often cannot withstand rain, UV rays and frost long term. hanit<sup>®</sup> recycled plastic has proved itself as a low-maintenance durable alternative in many different areas because hanit<sup>®</sup> is extremely resistant to any environmental influences. The special material properties enable a very wide range of applications and maximum lasting stability even under extreme loads, thereby ensuring a high level of flexibility and a wide range of possible uses.



#### Low maintenance & durable

Products made from hanit<sup>®</sup> are not only weather-proof, rot-proof and moisture-repellent, they are also extremely resistant to oils, alkaline solutions, acids and salt water. This makes them reliable all-rounders for outdoor use. These special characteristics also mean that hanit<sup>®</sup> products are exceptionally low-maintenance. In fact, with hanit<sup>®</sup>, regular maintenance work is a thing of the past. This is why synthetic wood is a reliable long-term solution in many areas and reduces maintenance costs many times over.

## $\bigotimes$

#### Splinter-proof

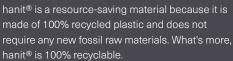
Our products also offer another important benefit: they are permanently splinter-proof, ensuring that the risk of injury when working with the material and during subsequent use is reduced to a minimum. This is especially practical for our hanit<sup>®</sup> flooring, because it's safe to run around barefoot and play on it without risk of injury.



#### Eco-friendly

Many of our products have been awarded the German government's Blue Angel eco label since 2005. The Blue Angel certifies that products and services meet high health, environmental and usage requirements. hanit<sup>®</sup> is non-toxic in accordance with DIN EN 71-3 (European standard for the safety of toys) and it meets the same high standards that apply to children's toys.

#### 00% recycled plastic





#### Economical

hanit® recycled products are very durable thanks to their special material properties and therefore maintain maximum stability and an attractive appearance even after many years. In line with this long service life, we give a full 20-year warranty on the majority of our range – for an all-round feeling of security.

#### asy processing

hanit<sup>®</sup> recycled plastic offers a perfect combination of robustness and flexibility. Despite the particularly stable material structure, our products can be flexibly adapted for specific building projects and applications, enabling a high level of creative freedom.

#### Can be processed like wood

Drilling, sawing, screwing – all no problem with our recycled plastic because synthetic wood can be worked as easily and flexibly as wood. And the best thing is that no special tools are required, as hanit<sup>®</sup> can be finished with conventional woodwork and metalwork tools and machinery.

# S.

#### ightweight

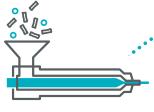
hanit<sup>®</sup> is easy and flexible to work with, and it even weighs only a third of what traditional concrete products weigh on average. Even large beams or heavy L-bricks can be transported effortlessly, and transport costs can be saved. And they can then be positioned without heavy machinery. The lower weight makes all kinds of construction and design projects easier and more flexible to work on.

## HOW TO TURN SHORT-LIVED PACKAGING INTO DURABLE PRODUCTS?



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

The bales are processed into

pellets, which are the basis for

hanit®, our recycled material.



**THE RECYCLING LOOP – YOUR ROLE** Everyone can contribute to effective recycling and environmental protection. Here are some tips:

» Only discard your packaging in designated

bigger residues is more than sufficient

» Do not stack any packaging on top of each

other, this makes it harder to separate.

sorting significantly easier.

Fully remove any aluminium lids, this makes

Plastic cups do not need to be rinsed, removing

receptacles

»

»

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







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



The plastic packaging waste is baled and delivered to **HAHN**.

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

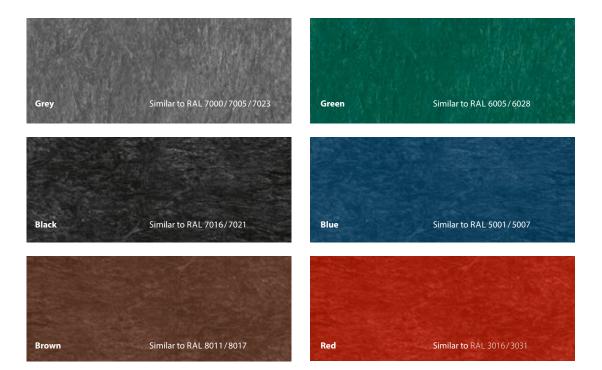
## COLOUR RANGE OF hanit®

hanit<sup>®</sup> 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<sup>®</sup> COLOURS:

- » When using recycled materials (hanit<sup>®</sup> 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<sup>®</sup> 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.





## **INFORMATION ABOUT THE BLUE ANGEL™**

#### SUSTAINABLE, NON-TOXIC – CERTIFIED WITH THE BLUE ANGEL

The German government's Blue Angel has existed since 1978. This label identifies products and services that are "more environmentally friendly than comparable conventional products and services". For a product to receive the Blue Angel, it must meet the following criteria, among others:

- Saves resources in production",
- "Made of sustainably produced raw materials",
- "Is especially long-lasting" and
- "Can be recycled easily".

hanit<sup>®</sup> products meet all these criteria in an exemplary manner. Because the base material that was developed in-house by HAHN is a sustainably produced raw material that sets ecological standards. Instead of using fossil resources, hanit<sup>®</sup> is based on recycling. That's why so many of our products have been awarded the Blue Angel eco label since 2005.

But not all of them, because some products have especially high stability and durability requirements, and for this reason, they might need reinforcement, for example. As these reinforcing steel parts are manufactured conventionally and purchased by us, the components do not comply with Blue Angel requirements, which means the product as a whole cannot be certified.

For our customers, this means that even products that don't have the Blue Angel due to certain specific components are still eco-friendly. The high amount of recycled pellets made of hanit<sup>®</sup> is a guarantee that resources and the environment are being saved and protected. Sustainability is always top priority with our products – we vouch for that with our name!

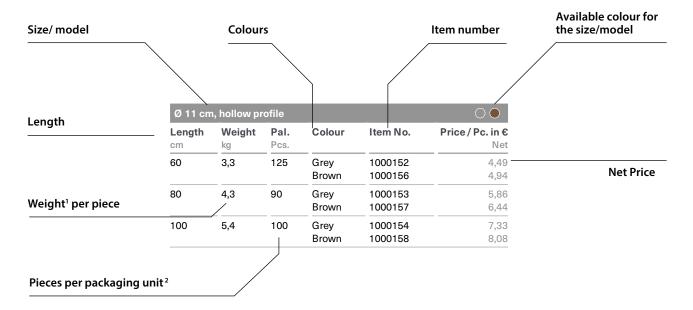
Note: Blue Angel-certified products can be recognised easily by the presence of the Blue Angel logo on the product page.

## HOW TO USE THIS DOCUMENT

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



#### » How to use this brochure



- <sup>1</sup> As hanit<sup>®</sup> is a recycled product, weight can vary slightly.
- <sup>2</sup> 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.
- <sup>3</sup> We will be pleased to prepare a freight offer for you.

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## **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<sup>®</sup> out-performs wood, steel and concrete. As our Blue Angel Award goes to show, hanit<sup>®</sup> 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



#### Palisades

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#### SHELTER FASCIA



#### Sheets

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#### Boards

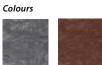
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»	Board profile with tongue and groove
»	Board profiles with tongue and groove,
	reinforced
»	Stall boards

**BUILDING AND** CONSTRUCTION

FENCING AND BARRIERS







Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	3,3	125	Grey	1000152	
			Brown	1000156	
80	4,3	90	Grey	1000153	
			Brown	1000157	
100	5,4	100	Grey	1000154	
			Brown	1000158	

Ø 11 cm, solid profile					$\bigcirc ullet$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
120	9,9	70	Grey Brown	1000062 1000015	
180	14,9	70	Grey Brown	1000065 1000018	

Ø 13 cm	$\bigcirc ullet$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	4,0	72	Grey	1000160	
			Brown	1000164	
80	5,3	54	Grey	1000161	
			Brown	1000165	
100	6,6	54	Grey	1000162	
			Brown	1000166	

Ø 13 cn	$\bigcirc ullet$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
120	13,8	36	Grey Brown	1000070 1000023	
150	17,3	36	Grey Brown	1000071 1000024	
180	20,7	36	Grey Brown	1000072 1000025	

#### **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



Ø 16 cn		$\bigcirc \bigcirc$			
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	6,2	60	Grey	1000179	
			Brown	1000175	
80	8,2	42	Grey	1000180	
			Brown	1000176	
100	10,2	42	Grey	1000181	
			Brown	1000177	

Ø 16 cm	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
120	20,9	30	Grey	1000084	
			Brown	1000037	
150	26,1	30	Grey	1000085	
			Brown	1000038	
180	31,3	30	Grey	1000086	
			Brown	1000039	

#### **REQUIREMENT PER METRE**

# < S ≻

#### ø 11 cm

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

#### ø 13 cm

- » Slump (S): ca 11 cm
- » Required quantity (B): approx. 9.0
- » Fillet angle: approx. 60°

- ø 16 cm
- » Slump (S): ca 13.5 cm » Required quantity (B): approx. 7.5
- » Fillet angle: approx. 60°

#### ø 20 cm

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





01



Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
60	9,0	32	Grey Brown	1000146 1000135	
80	11,9	24	Grey Brown	1000145 1000140	
100	15,1	24	Grey Brown	1000134 1000141	

Ø 20 cm	) 20 cm, solid profile				$\bigcirc ullet$
Length cm	Weight <sup>kg</sup>	Pal. Pcs.	Colour	Item No.	
200	50,6	16	Grey Brown	1000093 1000046	



#### **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.

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.











#### Colours



Ø 10 cm	ı, hollow pı	, hollow profile			$\bigcirc ullet$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	2,9	66	Grey Brown	1100237 1100219	
80	3,8	53	Grey Brown	1100238 1100220	
100	4,7	53	Grey Brown	1100239 1100221	

Ø 12 cm	cm, hollow profile			$\bigcirc ullet$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	3,7	56	Grey	1100241	
			Brown	1100223	
80	4,9	43	Grey	1100242	
			Brown	1100224	
100	6,0	43	Grey	1100243	
			Brown	1100225	

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
125	9,1	33	Grey	1100099	
			Brown	1100043	
150	11,0	33	Grey	1100100	
			Brown	1100044	
175	12,8	33	Grey	1100101	
			Brown	1100045	
200	14,6	33	Grey	1100102	
			Brown	1100046	

Ø 12 cm	n, solid pro	file		$\bigcirc ullet$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
125	13,1	28	Grey Brown	1100110 1100054	
150	15,8	28	Grey Brown	1100111 1100055	
175	18,4	28	Grey Brown	1100112 1100056	
200	21,0	28	Grey Brown	1100113 1100057	
225	23,7	28	Grey Brown	1100114 1100058	
250	26,3	28	Grey Brown	1100115 1100059	
280	29,5	28	Grey Brown	1100116 1100060	

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Ø 15 cm	n, hollow pr	ofile			$\bigcirc ullet$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
60	5,8	60	Grey	1100245	
			Brown	1100227	
80	7,6	48	Grey	1100246	
			Brown	1100228	
100	9,5	48	Grey	1100213	
			Brown	1100229	

Ø 20 cm	n, hollow pr	ollow profile		$\bigcirc$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
80	12,5	24	Grey Brown	1100216 1100232	
100	15,6	24	Grey Brown	1100217 1100233	

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
125	20,6	30	Grey Brown	1100120 1100064	
150	24,7	30	Grey Brown	1100121 1100065	
175	28,8	30	Grey Brown	1100122 1100066	
200	32,8	30	Grey Brown	1100123 1100067	



#### ø 10 cm

- » Required quantity (B): approx. 10.0
- ø 12 cm
- » Required quantity (B): approx. 8.3

» 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<sup>®</sup> 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.





## RECTANGULAR PALISADE

Hollow profile

#### Colours



12 × 16	2 × 16 cm			$\bigcirc ullet ullet$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	6,6	60	Grey Brown Black	1200018 1200001 1200015	
80	8,7	50	Grey Brown Black	1200019 1200022 1200014	
100	10,8	50	Grey Brown Black	1200020 1200023 1200016	







#### **REQUIREMENT PER METRE**



#### 12 x 16 cm

- » Required quantity (B1): approx. 6.3
   » Required quantity (B2): approx. 8.4
- 16 x 24 cm
- » Required quantity (B1): approx. 4.2

B2

» Required quantity (B2): approx. 6.3

INDEX

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
60	13,0	40	Grey	1200002	
			Brown	1200007	
80	18,0	28	Grey	1200003	
			Brown	1200008	
100	22,3	28	Grey	1200004	
			Brown	1200009	
125	27,2	20	Grey	1200005	
			Brown	1200010	
150	32,6	20	Grey	1200006	
			Brown	1200011	

#### 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.hanit.de 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.







	8		

Colours

50 × 50	$\bigcirc ullet$				
Height cm	Weight kg	Pal. Pcs.	Colour	Item No.	
55	28,6	16	Grey Black	2000005 2000008	
80	33,5	8	Grey Black	2000006 2000009	
105	38,6	8	Grey Black	2000007 2000010	

#### INSTALLATION

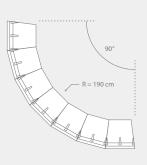
It is possible that L-stones may not align during installation due to the material properties. This can be straightened out using recycled boards.

Please refer to the installation recommendations and the corresponding data sheet. These can be found on our website www.hanit.de 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!





# O O O A L-STONE CORNER The perfect finish

#### Colours

		12040	
		10-c-	
	88	1.00	
	52	5 Sec	
	1000		

Height cm	Weight kg	Pal. Pcs.	Colour	Item No.	
55	11,5	24	Grey Black	2000032 2000016	
80	16,2	16	Grey Black	2000018 2000017	
105	21,0	16	Grey Black	2000026 2000027	



#### **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.hanit.de and downloaded from the selected product page.













15 5 4 01 000

8 × 16 cm						
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.		
150	17,9	30	Grey Brown	2100118 2100124		
200	23,8	30	Grey Brown	2100091 2100055		
250	29,8	30	Grey Brown	2100101 2100125		
300	35,7	30	Grey Brown	2100102 2100052		

15,5 × 2	1 cm				$\bigcirc \bigcirc$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
225	68,1	20	Grey Brown	2100038 2100028	
15,5 × 2	1 cm, with	rounde	d longitudina	al edges	$\bigcirc \bigcirc$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
225	67,2	20	Grey Brown	2100105 2100104	
16 × 24	cm, with pl	lastic rei	inforcement	:	$\bigcirc ullet$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
150	53,6	15	Grey Brown	2100301 2100300	
200	71,0	15	Grey Brown	2100320 2100299	
250	89,0	15	Grey Brown	2100321 2100075	

 $\cap \cap$ 

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
150	25,5	30	Grey Brown	2100029 2100019	
200	34,2	30	Grey Brown	2100030 2100020	
250	42,5	30	Grey Brown	2100074 2100086	
300	51,0	30	Grey Brown	2100090	



» Internal plastic reinforcement

15

» Reduced voids

107,0

300

» 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.

Grey

Brown

2100322

2100298



01

#### **TIPS & TRICKS**

hanit<sup>®</sup> 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.hanit.de and downloaded from the selected product page.



## **GRASS EDGING**

#### With locating system

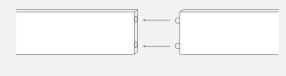
5 × 26 c	m				$\bigcirc \bigcirc$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
250	30,0	30	Grey	2200006	
			Brown	2200005	

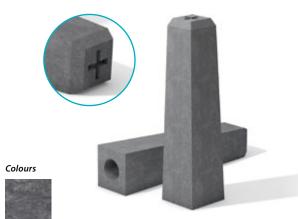




#### PROCESSING

Easy processing due to the locating system







## **BOUNDARY STONE**

For easier, lighter surveying

12 × 12	/ 9 × 9 cm				0
Height cm	Weight kg	Pal. Pcs.	Colour	Item No.	
50	4,0	140	Grey	2200337	

For more information visit » www.hanit.de



## **GARDEN EDGING**

#### Colours



Rolled G	arden Edgin	ig 0.7 x 1	4 cm		۲
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
1.800	19,0	24	Black	2200010	

Square p	ost 4.0 x 4.0	) cm (bur	ndles of 8 pro	files)	0
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
45	5,6	72	Grey	3200083	
60	7,2	72	Grey	3200084	



#### **TIPS & TRICKS**

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













4 × 4 cm	4 × 4 cm						
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.			
200	3,0	260	Grey Brown	2300073 2300030			
300	4,5	260	Grey Brown	2300333 2300351			

7 × 7 cm	7 × 7 cm						
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.			
200	9,1	55	Grey Brown	2300083 2300040			
300	13,7	55	Grey Brown	2300352 2300353			

9 × 9 cm	ı				$\bigcirc \bigcirc$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	15,1	45	Grey Brown	2300091 2300048	
300	22,6	45	Grey Brown	2300670 2300021	







10×10	cm				$\bigcirc \bigcirc$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	18,6	80	Grey Brown	2300015 2300002	
300	27,9	48	Grey Brown	2300161 2300140	

12 × 12	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	26,8	48	Grey Brown	2300017 2300004	
300	40,2	36	Grey Brown	2300298 2300301	

#### **TIPS & TRICKS**

The unique properties of hanit<sup>®</sup> 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<sup>®</sup> can also be used with wooden decking boards

15 × 15	$\bigcirc \bigcirc$				
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
200	41,9	30	Grey Brown	2300105 2300062	
300	62,8	20	Grey Brown	2300354 2300355	





INDEX

cm cm Pcs. kg 40 40 3,0 150 2400038 Grey Thickness: 3 cm, with holes Width Length Weight Pal. Colour Item No. cm cm kg Pcs. 40 2400005 40 4,5 150 Grey

Pal.

Colour



Colour

Grey

Brown

Item No.

2400013

2400031

Thickness: 5 cm								
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.			
40	150	27,9	40	Grey	2400036			
40	175	32,6	40	Grey	2400004			
40	200	37,2	20	Grey	2400008			

#### **PRODUCT INFO**

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

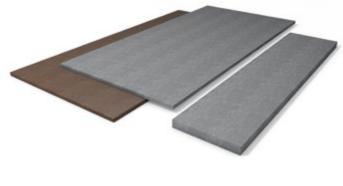


Item No.



Thickness: 2 cm, with holes Width Length Weight

Thickness: 5 cm, with holes						
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
40	40	7,5	120	Grey	2400010	
50	50	11,6	80	Grey	2400050	
Thickn	ess: 7 cm,	without h	oles			С
Thickn Width cm		without h Weight kg	oles Pal. Pcs.	Colour	Item No.	С





## STANDARD SHEET

Pal.

Pcs.

10

Virtually limitless uses as a building material



Length Weight

kg

50,0

Thickness: 2.5 cm

cm

205

Width

cm

105



## AMPHIBIAN GUARD / BANK REINFORCEMENT

Multi-purpose protection







Thickness: 2.5 /10 cm							
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.		
60	192	34,0	16	Grey Brown	2400021 2400026		
80	192	42,0	16	Grey Brown	2400019 2400020		

#### NOTE

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





## **BURROWING BARRIER**

With recesses







Thickn		0				
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
40	200	17,0	50	Grey	2400003	
50	200	22,0	50	Grey	2400028	

#### **PRODUCT INFO**

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



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## **BOARD PROFILE**

Standard, reinforced



4,2 × 12	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
250	14,2	60	Grey Brown	2500640 2500798	

t Colour	Item No.	
Grey	2501116	
-	Grey Brown	

#### 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 »





	ARX IN		
COL	A SLE		
30.20	a Talak		



2 × 6 cm		$\bigcirc \bigcirc$			
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
150	1,7	260	Grey	2500050	
			Brown	2500010	

2 × 10 c	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
80	1,5	240	Grey Brown	2500051 2500011	
140	2,6	160	Grey Brown	2500052 2500012	
200	3,7	160	Grey Brown	2500053 2500013	
280	5,2	160	Grey Brown	2500054 2500014	

2 × 20 c		0			
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
200	7,4	120	Grey	2500733	

2,5 × 5 c	2,5 × 5 cm					
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.		
300	3,5	300	Grey Brown	2500266 2500267		



Length cm	Weight kg	Pal. Pcs.	Colour	Item No.
80	2,3	200	Grey Brown	2500058 2500018
140	3,9	120	Grey Brown	2500059 2500019
200	5,5	120	Grey Brown	2500060 2500020
280	7,9	120	Grey Brown	2500061 2500021

Length	Weight	Pal.	Colour	Item No.	
cm	kg	Pcs.			
80	1,3	400	Grey	2500062	
			Brown	2500022	
140	2,3	260	Grey	2500315	
			Brown	2500313	
200	3,3	260	Grey	2500316	
			Brown	2500314	
280	4,7	260	Grey	2500262	
			Brown	2500004	

3 × 10 c		$\bigcirc \bigcirc$			
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
80	2,2	240	Grey Brown	2500066 2500025	
140	3,9	160	Grey Brown	2500107 2500104	
200	5,6	160	Grey Brown	2500096 2500105	
280	7,8	160	Grey Brownn	2500108 2500095	

#### **APPLIES TO ALL BOARD PROFILES**

With hanit  $^{\otimes}$  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.

ما م م م م	Mainha	Del	Calarin	Items N.e.	
cm	Weight kg	Pal. Pcs.	Colour	Item No.	
300	16,7	60	Grey	2500727	
3,5 × 12	cm				$\bigcirc$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
80	3,2	200	Grey Brown	2500070 2500028	
140	5,5	120	Grey Brown	2500071 2500029	
200	7,8	120	Grey Brown	2500072 2500030	
280	10,9	120	Grey Brown	2500073 2500031	

3,5 × 13	$\bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
80	3,6	180	Grey Brown	2500074 2500032	
140	6,3	120	Grey Brown	2500109 2500115	
200	9,0	120	Grey Brown	2500106 2500116	
280	12,6	120	Grey Brown	2500097 2500114	

4 × 8 cn	4 × 8 cm						
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.			
80	2,4	180	Grey Brown	2500077 2500035			
140	4,2	120	Grey Brown	2500185 2500186			
200	6,0	120	Grey Brown	2500121 2500243			
280	8,4	120	Grey Brown	2500002 2500003			

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
80	3,5	150	Grey Brown	2500080 2500038	
140	6,2	120	Grey Brown	2500245 2500252	
200	8,9	120	Grey Brown	2500247 2500246	
280	12,4	120	Grey Brown	2500178 2500179	

5 × 12 c	5 × 12 cm						
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.			
80	4,5	150	Grey	2500086			
			Brown	2500044			
140	7,8	90	Grey	2500250			
			Brown	2500248			
200	11,1	90	Grey	2500251			
			Brown	2500249			
280	15,6	90	Grey	2500173			
			Brown	2500172			

5 × 20 c	0				
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
300	27,9	40	Grey	2520208	

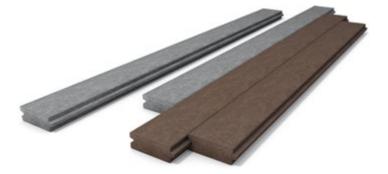
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.
80	5,4	150	Grey Brown	2500090 2500047
140	9,4	90	Grey Brown	2500093 2500177
200	13,4	90	Grey Brown	2500174 2500163
280	18,8	90	Grey Brown	2500159 2500160





## **BOARD PROFILE**

With tongue and groove



Colours



3 × 12,5	$\bigcirc \bigcirc$				
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
140	4,9	120	Grey Brown	2600027 2600032	
200	7,0	120	Grey Brown	2600028 2600033	
280	9,8	120	Grey Brown	2600029 2600034	

4,2 × 20	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
250	19,5	60	Grey	2600215	
			Brown	2600216	

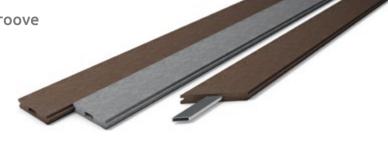
4,5 × 12	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	10,0	90	Grey	2600022	
			Brown	2600012	
280	14,0	90	Grey	2600025	
			Brown	2600026	

3,4 × 14					
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
305	13,2	90	Grey	2601074	



## **BOARD PROFILE**

Reinforced tongue and groove



Colours



4,2 × 20	$\bigcirc \bigcirc$				
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
250	24,2	60	Grey Brown	2600048 2600047	

#### **APPLIES TO ALL BOARD PROFILES**

With hanit  $^{\otimes}$  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.









Colou	ırs			
1	16	1		
			Р¢.	
		28		
		85	5.5	

2,8 × 13		$\bigcirc \bigcirc$			
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
280	9,5	120	Grey Brown	2600213 2600214	

3,8 × 13	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
280	13,0	120	Grey Brown	2600209 2600210	



#### 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.hanit.de and downloaded from the selected product page.







#### 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<sup>®</sup>. 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
»	Round posts, reinforced S. 43
»	Square posts S. 44
»	Square posts, reinforced S. 45
»	Square profile, bevelled edges and reinforced S. 45
»	Cross-profile stakes

#### Fence construction and barriers

»	Pales and posts	S <b>.</b> 49
»	Pasture fence	S. 50 – 51
»	Paddock gate	S. 52
»	Handrail systems	S. 53 – 54
»	Barriers	S <b>.</b> 55
»	Railing components	S. 55

#### Bollards

»	Diamond head	bollard	S. 4	6
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- » Pyramid head bollard...... S. 47
- » Dome shaped bollard ...... S. 48

#### **View protection**

»	Privacy fence	S <b>.</b> 56
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02



Ø 4,5 cr	$\bigcirc \bigcirc$				
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
85	1,3	300	Grey Brown	3000083 3000148	
130	1,9	165	Grey Brown	3000084 3000027	
150	2,2	165	Grey Brown	3000085 3000028	
175	2,6	165	Grey Brown	3000008 3000003	

Ø 6 cm					$\bigcirc \bigcirc$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
150	3,9	125	Grey Brown	3000089 3000032	
175	4,6	125	Grey Brown	3000090 3000033	
200	5,3	125	Grey Brown	3000091 3000034	



#### **TIPS & TRICKS**

- » hanit<sup>®</sup> 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.hanit.de and downloaded from the selected product page.



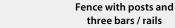


Length cm	Weight kg	Pal. Pcs.	Colour	Item No.
175	8,2	60	Grey Brown	3000104 3000046
200	9,3	60	Grey Brown	3000106 3000047
225	10,5	60	Grey Brown	3000108 3000048
250	11,7	60	Grey Brown	3000109 3000049
280	13,1	60	Grey Brown	3000011 3000006

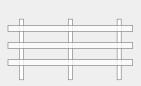
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
175	11,9	33	Grey Brown	3000117 3000057	
200	13,7	33	Grey Brown	3000118 3000058	
230	15,9	33	Grey Brown	3000120 3000060	
250	17,4	33	Grey Brown	3000122 3000062	
280	19,5	33	Grey Brown	3000125 3000064	

#### **RECOMMENDED FENCE HEIGHTS**

Fence with posts and four wires







- » 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 <sup>1</sup>	3	45 / 75 / 120
Horses <sup>1</sup>	3	60 / 100 / 140
Sheep and goats <sup>1</sup>	5	15 / 30 / 50 / 65 / 90
Poultry <sup>2</sup>	4	20 / 40 / 60 / 85
Pigs	4	15 / 30 / 50 / 70

 $^{\rm 1}$  Height may have to be adjusted according to how high the animals can jump.  $^{\rm 2}$  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.



Ø 12 cm		$\bigcirc \bigcirc$			
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
175	16,9	28	Grey Brown	3000130 3000069	
200	19,5	28	Grey Brown	3000131 3000070	
225	22,0	28	Grey Brown	3000132 3000071	
250	24,7	28	Grey Brown	3000133 3000072	
280	28,0	28	Grey Brown	3000012 3000007	

Ø 15 cm	า				$\bigcirc ullet$
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
200	29,8	30	Grey Brown	3000140 3000079	
225	34,0	30	Grey	3000141	
			Brown	3000080	
250	38,0	30	Grey	3000142	
			Brown	3000081	
280	43,0	30	Grey	3000143	
			Brown	3000082	

#### 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 64.

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



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# ROUND POST, REINFORCED

Even stronger, even better



Ø8cm				$\bigcirc \bigcirc$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	10,6	60	Grey	3000193	
			Brown	3000197	
225	12,0	60	Grey	3000196	
			Brown	3000198	
250	13,3	60	Grey	3000021	
			Brown	3000018	
275	14,5	60	Grey	3000022	
			Brown	3000019	
290	15,3	60	Grey	3000023	
			Brown	3000020	

Ø 8 cm, v		$\bigcirc ullet$			
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
250	13,3	60	Grey Brown	3000024 3000015	
275	14,5	60	Grey Brown	3000025 3000016	



0	

#### TECHNICAL DATA OF REINFORCEMENT

Steel tubing: S235

Diameter: approx. 26.9 mm Wall thickness: approx. 2 mm

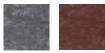
To accommodate the different expansion rates of steel and recycled plastic, our reinforced profiles have a built-in expansion chamber that is closed with a plug.







#### Colours





7 × 7 cm					$\bigcirc \bigcirc$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	4,5	121	Grey	3200041	
			Brown	3200047	
150	6,8	55	Grey	3200038	
			Brown	3200049	
175	8,0	55	Grey	3200043	
			Brown	3200050	
200	9,1	55	Grey	3200039	
			Brown	3200033	

9 × 9 cm					$\bigcirc \bigcirc$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	6,8	130	Grey Brown	3200021 320005	
125	8,7	45	Grey Brown	3200022 3200006	
150	10,7	45	Grey Brown	3200023 3200007	
175	12,6	45	Grey Brown	3200024 3200008	
200	14,5	45	Grey Brown	3200025 3200009	
225	16,4	45	Grey Brown	3200026 3200010	
250	18,8	45	Grey Brown	3200028 3200012	
280	21,1	45	Grey Brown	3200029 3200013	





## 

# SQUARE POST, REINFORCED

The especially sturdy one

#### Colours



9 × 9 cm	$\circ$				
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
200	15,8	45	Grey	3200075	
			Brown	3200078	
225	17,9	45	Grey	3200074	
			Brown	3200079	
250	20,0	45	Grey	3200076	
			Brown	3200080	
275	22,1	45	Grey	3200077	
			Brown	3200081	
290	22,9	45	Grey	3200068	
			Brown	3200082	



# SQUARE PROFILE

Bevelled edges and reinforced

$\bigcirc$

# 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.



9 × 9 cm, without point					
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
240	20,6	45	Brown	2300749	



# **CROSS-PROFILE STAKE**

With point

#### Colours



Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
150	2,8	120	Grey	3400005	
175	3,3	120	Grey	3400006	
200	3,7	120	Grey	3400007	





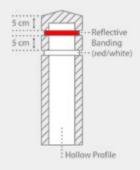
# DIAMOND HEAD BOLLARD

Hollow profile, with or without reflectors





Height	Weight	Pal.	Colour	Item No.	
cm	kg	Pcs.			
140	17,0	48	Brown	3500045	
			Black	3500048	
14 × 14	cm, with 2	reflecto	r strips		
	cm, with 2 Weight	reflecto Pal.	r strips Colour	Item No.	
14 × 14 Height cm				Item No.	
Height	Weight	Pal.		Item No.	• •



#### 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







# PYRAMID HEAD BOLLARD

Hollow profile, with reflectors

#### Colours



		12 × 12 cm, including reflectors					
leight	Pal.	Colour	Item No.				
。 3.9	49	Brown					
	9	Pcs.	Pcs.	Pcs			



5 cm 🕻

**INFO** The bollard is equipped with two round reflectors (Ø 6 cm) 5 cm and a rectangular reflector (4 x 18 cm).







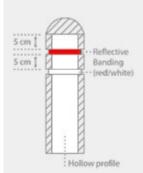
# DOME SHAPED BOLLARD

Hollow profile, with or without reflectors





Height cm	Weight kg	Pal. Pcs.	Colour	Item No.	
150	14,0	30	Grey	3500050	
			Brown	3500051	
Ø 15 cm	with 2 ref	lector s	trine		$\cap \cap$
	n, with 2 ref Weight		trips Colour	Item No.	$\bigcirc ullet$
Ø 15 cn Height cm	n, with 2 ref Weight kg	flector s Pal. Pcs.		Item No.	$\bigcirc ullet$
Height	Weight	Pal.		Item No.	00



#### 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







GROUNDWORK AND SURFACES

# PALE AND POST

With rounded head



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

Recycled plastic profiles can be used as cross-bars but they

are not always the right choice. Please contact HAHN for

rusty metal with maintenance-free hanit®.

NOTE

advice.



2 × 6 cm				
Height cm	Weight kg	Colour	Item No.	
60	0,7	Grey	3600044	
		Brown	3600016	
80	0,9	Grey	3600045	
		Brown	3600017	
100	1,1	Grey	3600046	
		Brown	3600018	
120	1,3	Grey	3600047	
		Brown	3600019	
150	1,7	Grey	3600048	
		Brown	3600020	

3 × 10 cm				$\bigcirc$
Height cm	Weight kg	Colour	Item No.	
60	1,7	Grey Brown	3600050 3600021	
80	2,2	Grey Brown	3600051 3600022	
100	2,8	Grey Brown	3600124 3600023	
120	3,3	Grey Brown	3600052 3600024	
150	4,2	Grey Brown	3600053 3600025	

9 × 9 cm				
Height cm	Weight kg	Colour	Item No.	
100	7,5	Grey	3600039	
		Brown	3600011	
125	9,4	Grey	3600040	
		Brown	3600012	
150	11,2	Grey	3600041	
		Brown	3600013	
175	13,2	Grey	3600042	
		Brown	3600014	
200	15,0	Grey	3600043	
		Brown	3600015	





# **PASTURE FENCE**

Ingeniously simple and simply robust



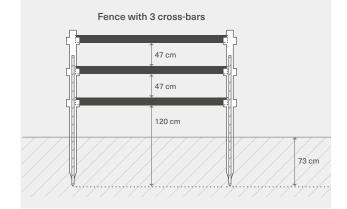
#### Colours



r ieiu posi	11 × 10 cm, re		Length Weight Colour Item No.					
Length cm	Weight kg	Colour	Item No.					
230	26,2	Brown	3700003					
End post	11 × 10 cm, reir	nforced		•				
End post	11 × 10 cm, rein Weight	nforced Colour	Item No.					
	_		Item No.					

#### **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.hanit.de 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.

02

BUILDING AND CONSTRUCTION

FENCING AND BARRIERS

GROUNDWORK AND SURFACES



Cross-bar	4,2 × 12 cm, i	reinforced		ightarrow
Length cm	Weight kg	Colour	Item No.	
250	14,2	Brown	2500798	
Connector	right-angled	10 × 11 cm <sup>1</sup>		•
Length cm	Weight kg	Colour	Item No.	
11	0,8	Brown	3700052	
End cap in	cl. assembly	materials		igodol
Dimensions W x H x D; cr	0	Colour	Item No.	
4,2 × 12 × 2	0,05	Brown	2501118	

<sup>1</sup> Delivery including assembly materials



Bottom







#### **PRODUCT INFO**

information.

»

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

Please refer to the installation recommendations, data sheet, and assembly instructions. These can be found on our website www.hanit.de and downloaded from the selected product page. OUTDOOR SPACES AND FURNITURE



# PADDOCK GATE

Suitable for the pasture fence system





Width <sup>1</sup> cm	Height <sup>2</sup> cm	Weight kg	Colour	Item No.	
105	150	79,5	Brown	3700025	
180	150	89,5	Brown	3700023	
Coto do					× *
Gate do	uble wing		-		
Gate do Width <sup>1</sup> cm	uble wing Height <sup>2</sup> cm	Weight kg	Colour	Item No.	

Gate po	ost connect	or <sup>3</sup>			ightarrow
Width cm	Height cm	Weight kg	Colour	Item No.	
10	11	0,8	Brown	3700020	

#### **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.

<sup>1</sup> Width gate wing

<sup>2</sup> Height above ground after installation

<sup>3</sup> Delivery including assembly materials





#### NOTE

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

1,0

<sup>1</sup> Not Blue Angel eco-label certified

# HANDRAIL SYSTEM MAXI

Support provided by flexible protection system

#### Colours



Length	Weight	Colour	Item No.	
cm	kg			
150	15,8	Brown	1100055	
Cross-bar	round Ø 12 cr	n, reinforced		
Length	Weight	Colour	Item No.	
Length cm	Weight kg	Colour	Item No.	
-	0	Brown	Item No. 	
cm	kg			
cm 250	kg 29,0	Brown	3700021	
cm 250 280	kg 29,0 32,0	Brown Brown	3700021	
cm 250 280	kg 29,0	Brown Brown	3700021	
cm 250 280	kg 29,0 32,0	Brown Brown	3700021	

3700047

PRODUCT I	NFO
-----------	-----

- 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.



### 

# **HANDRAIL SYSTEM** EASY

Quick assembly due to plug-in-system

#### Colours



Field post	Ø 15 cm			ullet
Length cm	<b>Weight</b> kg	Colour	Item No.	
150	23,2	Brown	3700042	

Cross-bar	round Ø 8 cm			lacksquare	
Length cm	<b>Weight</b> kg	Colour	Item No.		
225	12,0	Brown	3700006		

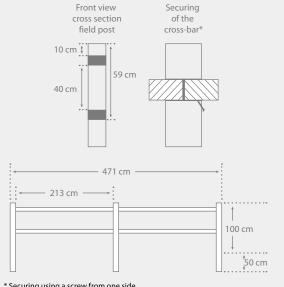
#### **PRODUCT INFO**



- » 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.hanit.de and can be downloaded from the selected product page.



\* Securing using a screw from one side



GROUNDWORK AND SURFACES

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-



# **RAILING COMPONENTS**

i, Ø 12 cm)

Item No.

3800005

3800007

Almost as good as new

01035-041	4.2 x 12.0 cm	, rennorceu		$\cup$
Length cm	<b>Weight</b> kg	Colour	Item No.	
260	14,6	Brown	2500399	

Cross-bar	oss-bar round Ø 12 cm, reinforced		lacksquare	
Length cm	<b>Weight</b> kg	Colour	Item No.	
250	29,0	Brown	3700021	





#### 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.

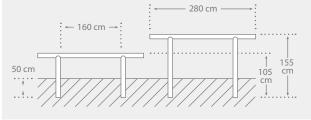
Using hanit<sup>®</sup> to repair and replace old wood works like a maintenance-free upgrade. Round profiles are great for handrails and the board profiles work best as knee rails.

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

NOTE

0

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.





Colours

Height

55<sup>1</sup>/105<sup>2</sup>

105<sup>1</sup>/155<sup>2</sup> 280

cm

Length

<sup>1</sup> Height after installation <sup>2</sup> Total height

cm

280

Weight

kg

52,0

63,1

Colour

Brown

Brown

For more information visit » www.hanit.de

PRIVACY FENCE

Versatile and multi-purpose

#### Colours

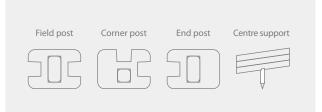


				~
Field post	t 16 × 12 cm, r	einforced		0
Length cm	Weight kg	Colour	Item No.	
250	42,2	Brown	4000005	
Corner po	ost 16 × 12 cm	, reinforced		•
Length cm	Weight kg	Colour	Item No.	
250	42,0	Brown	4000006	
End post	16 × 12 cm, re	inforced		ightarrow
Length cm	Weight kg	Colour	Item No.	
250	46,0	Brown	4000007	
Centre su	pport Ø 10 cn	n, grooved		lacksquare
Length cm	Weight kg	Colour	Item No.	
50	2,6	Brown	400008	
Tongue and	d groove boards	3,8 cm Thicknes	ss, 13 cm Width	$\bigcirc \bigcirc$
Length cm	Weight kg	Colour	Item No.	
190	8,7	Grey		

#### 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.hanit.de and can be downloaded from the selected product page.









# **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<sup>™</sup> will keep you on solid ground. All our products are robust and lightweight.

We make our decking, paving and slabs from heavy-duty hanit<sup>®</sup>. 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 heavyduty 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**



#### Footpath planks and decking

»	Footpath planks with tongue and groove
	(with or without reinforcement)
»	Footpath planks standard
	(with or without reinforcement)S. 61-63
»	Pile S. 64
»	Decking S. 65
»	Pre-assembled boardwalk element

# PARKING AREAS AND DRIVEWAYS



#### Ground reinforcement

»	Eco slabs	S. 66
»	Hanpave	S <b>.</b> 67
»	Paddock slab	S. 68
»	INB Paddock slab	S. 69
»	Heavy duty ground grid	S. 70
»	Paving stone	S. 71

03



#### Colours





4 × 17 cm				$\bigcirc$ $\bigcirc$	
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	6,3	75	Grey Brown	4100231 4100297	
150	8,8	75	Grey Brown	4100230 4100296	
200	11,8	75	Grey Brown	4100229 4100233	
250	14,7	75	Grey Brown	4100113 4100232	
300	17,7	75	Grey Brown	4100117 4100112	

Length	Weight	Pal.	Colour	Item No.	
cm	kg	Pcs.	Colour	item No.	
100	7,4	75	Grey	4100298	
			Brown	4100305	
150	11,2	75	Grey	4100299	
			Brown	4100304	
200	14,9	75	Grey	4100300	
			Brown	4100303	
250	18,6	75	Grey	4100301	
			Brown	4100302	
300	22,4	75	Grey	4100153	
			Brown	4100154	

#### APPLICABLE FOR hanit<sup>®</sup> 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/m <sup>2</sup> Concentrated load: 1,5 kN	Surface load: 5 kN/m <sup>2</sup> Concentrated load: 2 kN
4.0 x 17.0 <sup>1</sup>	hanit®	*60 cm	60 cm
4.0 x 17.0 reinforced <sup>1</sup>	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

<sup>1</sup> 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



# 🍥 🗘 📼 🛆

# FOOTPATH PLANK

Without tongue and groove

#### Colours





Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	7,3	120	Grey	4100239	
			Brown	4100243	
150	11,0	60	Grey	4100240	
			Brown	4100244	
200	14,7	60	Grey	4100241	
			Brown	4100245	
250	18,3	60	Grey	4100242	
			Brown	4100246	
300	21,2	60	Grey	4100172	
			Brown	4100247	

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	8,4	120	Grey	4100248	
			Brown	4100253	
150	12,6	60	Grey	4100249	
			Brown	4100254	
200	16,9	60	Grey	4100250	
			Brown	4100255	
250	21,0	60	Grey	4100251	
			Brown	4100256	
300	25,2	60	Grey	4100252	
			Brown	4100257	

#### 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.hanit.de and downloaded from the selected product page.









Length cm	Weight kg	Pal. Pcs.	Colour	Item No.
100	7,3	75	Grey Brown	4100213 4100217
150	11,0	75	Grey Brown	4100214 4100218
200	14,7	75	Grey Brown	4100215 4100219
250	18,4	75	Grey Brown	4100216 4100220
300	21,4	65	Grey Brown	4100143 4100142

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	8,5	75	Grey Brown	4100221 4100225	
150	12,8	75	Grey Brown	4100222 4100226	
200	17,0	75	Grey Brown	4100223 4100227	
250	21,3	75	Grey Brown	4100224 4100228	
300	25,5	65	Grey Brown	4100151 4100152	



#### 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





6 × 19,7		$\bigcirc \bigcirc$			
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.	
100	11,0	80	Grey	4100258	
			Brown	4100261	
150	16,5	40	Grey	4100259	
			Brown	4100262	
200	22,0	40	Grey	4100235	
			Brown	4100263	
250	27,5	40	Grey	4100260	
			Brown	4100264	
300	32,2	40	Grey	4100234	
			Brown	4100265	

Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
100	12,1	80	Grey Brown	4100266 4100271	
150	18,1	40	Grey Brown	4100267 4100272	
200	24,2	40	Grey Brown	4100268 4100273	
250	30,2	40	Grey Brown	4100269 4100274	
300	36,2	40	Grey Brown	4100270 4100275	

#### **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 66).





03



# PILE

#### Solid, stable support

#### Colours



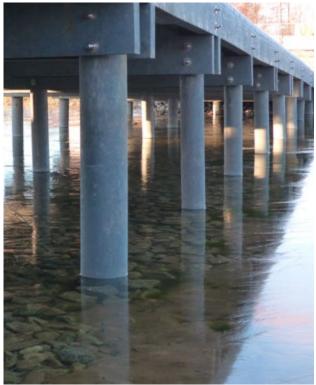


#### NOTE

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

Ø 20 cm	ı				$\bigcirc ullet$
Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
200	51,0	16	Grey Brown	3000217 3000208	
250	66,0	16	Grey Brown	3000242 3000241	
300	80,0	16	Grey Brown	3000218 3000224	
350	95,0	8	Grey Brown	3000221 3000220	
400	110,0	8	Grey Brown	3000219 3000225	
450	124,0	8	Grey Brown	3000215 3000226	
500	139,0	8	Grey Brown	3000210 3000227	
550	153,0	8	Grey Brown	3000222 3000228	
600	168,0	8	Grey Brown	3000223 3000229	









#### Colours



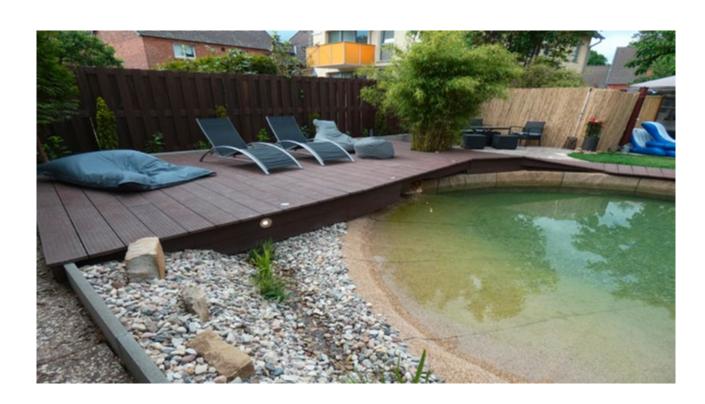


2,8 × 19,5 cm							
Length cm	<b>Weight</b> kg	Pal. Pcs.	Colour	Item No.			
200	10,2	60	Brown Black	4100167 4100171			
300	14,5	60	Brown Black	4100116 4100238			

#### 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.hanit.de and downloaded from the selected product page.



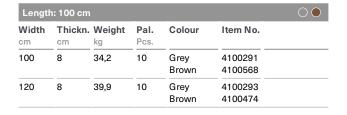


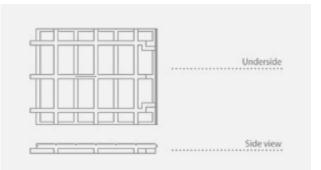


# PRE-ASSEMBLED BOARDWALK ELEMENT

Click, click – done!











#### Colours



Thickn	$\bigcirc \bigcirc$					
ø outer cm	ø inner cm	Weight kg	Pal. Pcs.	Colour	Item No.	
46	40	1,7	235	Grey Brown	4200018 4200016	





Thickness: 4 cm, closed								
		Weight	Pal. Pcs.	Colour	Item No.			
cm	_ <u>cm</u>	kg	PCS.					
46	40	1,7	235	Grey	4200019			
				Brown	4200017			

#### NOTE

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.

# 

# HANPAVE

Parking and Path Construction

#### Colours



Thick		۲				
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
33,3	33,3	0,5	468	Black	4200035	



Marking element							
	Colour	Item No.					
	Weiß	4200041					

#### NOTE

1 sqm:	Approx. 9 grids
1 pallet:	Approx. 56 sqm
Sealed area:	Approx. 27%
Capacity <sup>1</sup> :	Approx. 0.04 m <sup>3</sup> 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.hanit.de and downloaded from the selected product page.





## PADDOCK SLAB

Agriculture and Livestock Management

#### Colours



Thickness: 4 cm						۲
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
40	50	2,1	100	Black	4200028	





#### NOTE

1 sqm:	Approx. 5 slabs		
1 pallet:	Approx. 20 sqm		
Sealed area:	Approx. 58%		
Capacity <sup>1</sup> :	Approx. 0.03 m <sup>3</sup> 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.hanit.de and downloaded from the selected product page.









# **INB PADDOCK SLAB**

Stable ground without a base



#### Colours



Thickness: 5,3 cm						
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
50	50	6,7	140	Grey	6000001	





#### **PRODUCT INFO**

- » Structured, grained
- » Double nubbed surface
- » Plug system
- » Stable ground without a base
- » Ø of holes: 5 cm

#### NOTE

1 sqm:	Approx. 4 slabs
1 pallet:	Approx. 35 sqm
Sealed area:	Approx. 70%
Capacity <sup>1</sup> :	Approx. 0.03 m <sup>3</sup> per sqm
Load capacity:	SLW 60 according to DIN 1072
Application:	Ideal for draw paths, runs, paddocks, feeding areas and riding arenas.

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





# HEAVY DUTY GROUND GRID

With connection system

#### Colours



Thickness: 8 cm						0
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
40	60	9,0	80	Grey	4200030	



#### NOTE

1 sqm:	Approx. 4.17 grids
1 pallet:	Approx. 19 sqm
Sealed area:	Approx. 47%
Capacity <sup>1</sup> :	Approx. 0.03 m <sup>3</sup> 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.hanit.de and downloaded from the selected product page.



GROUNDWORK AND SURFACES

PAVING STONE

With connection system

#### Colours

Thickness: 6 cm						
Width	Length	Weight	Pal.	Colour	Item No.	
cm	cm	kg	Pcs.			
50	50	8,4	60	Grey	4200038	



# .....

#### NOTE

Approx. 4 elements
Approx. 15 sqm
Approx. 85%
Approx. 0.01 m <sup>3</sup> per sqm
SLW 60 according to DIN 1072
Ideal for path design.

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





# 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<sup>®</sup> 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<sup>®</sup> 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**



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- » Canetti bench
- » Tivoli table
- » Trinity table

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- » Hyde Park bench extension module
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» Calero bench

module

- » Calero table
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- » Calero high table

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#### » Mira bench

- » Piccadilly bench
- » Trafalgar Square bench
- Sutton bench
- » High Line bench
- » Ueno bench
- » Somerset bench
- » Highlands bench
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#### RAISED BEDS



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- » Iberis planter
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- » Scori litter bin
- » Collec litter bin
- » Stora litter bin

FENCING AND BARRIERS

GROUNDWORK AND SURFACES

OUTDOOR SPACES AND FURNITURE

04





Perfect in combination with Canetti and Trinity

### **TIVOLI BENCH**

Tivoli bench, w	$\cup$			
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
$150 \times 80 \times 70$	69,0	Brown	4300048	
Tivoli bench, w	idth: 200 cm			
<b>Tivoli bench, w</b> <b>Dimensions</b> W x H x D; cm	ridth: 200 cm Weight kg	Colour	Item No.	







### **CANETTI BENCH**

Canetti bench, width: 150 cm				ullet
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 45 × 35	40,0	Brown	4300049	

Canetti bench,				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 45 × 35	49,0	Brown Grey-Green Grey-Blue Grey-Red	4300008 4300078 4300074 4300085	



## **TIVOLI TABLE**

Tivoli table, width: 150 cm				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 75 × 70	97,0	Brown	4300061	

Tivoli table, wie				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 75 × 70	114,0	Brown Grey-Green Grey-Blue Grey-Red	4300056 4300079 4300075 4300086	







### **TRINITY TABLE**

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

Trinity table, w	Trinity table, width: 200 cm				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.		
200 × 75 × 75	111,0	Brown	4300116		



#### **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

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

#### **Optional accessories:**

- » Ground anchor Type 1 » Armrest Tivoli bench

FENCING AND BARRIERS

GROUNDWORK AND SURFACES

OUTDOOR SPACES AND FURNITURE

04





### **HYDE PARK BENCH**

Hyde park bench, width: 165 cm				$\checkmark$
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
165 × 93 × 56	77,0	Black-Brown	4300128	

Hyde park bench, width: 195 cm				Ø
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
$195\times93\times56$	88,0	Black-Brown	4300129	





#### NOTE

» To be secured to the ground



### HYDE PARK BENCH WITHOUT BACKREST

Hyde Park bench without backrest, width: 165 cm					
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.		
165  imes 48  imes 46	48,0	Black-Brown	4300131		
Hyde Park bei	nch without	t backrest, widtl	n: 195 cm	Ø	
Hyde Park ber Dimensions W x H x D; cm	nch without Weight kg	t backrest, widtl Colour	n: 195 cm Item No.	Ø	



### **HYDE PARK TABLE**

Hyde park table, width: 165 cm				Ø
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
165 × 80 × 90	108,5	Black-Brown	4300143	

Hyde park table, width: 195 cm				Ø
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
195  imes 80  imes 90	123,0	Black-Brown	4300144	





### **HYDE PARK BENCH EXTENSION MODULE**

Hyde Park bench extension module, width: 155 cm				Ø
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
155  imes 48  imes 46	41,0	Black-Brown	4300181	

Hyde Park bench extension module, width: 185 cm				Ø
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
185  imes 48  imes 46	47,0	Black-Brown	4300182	

### **HYDE PARK BENCH CONNECTION MODULE**

Hyde Park ber	Hyde Park bench connection module, width: 150 cm			ightarrow
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
150 × 5,0 × 41	35,0	Brown	4300141	

Hyde Park ber	nch connec	tion module,	width: 180 cm	igodol
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
180 × 5,0 × 41	41,0	Brown	4300142	



#### **PRODUCT INFO HYDE PARK SET**

» Board type: Premium

45 cm

- 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: »
- » 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.

04





### **CALERO BENCH**

Calero bench, width: 150 cm			$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \oslash \oslash$
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.
150 × 45 × 40	74,0	Grey Brown Black Black-Grey Black-Brown	4300126 4300117 4300088 4300094 4300095







### **CALERO TABLE**

Calero table, width: 150 cm			$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.
150 × 75 × 67	158,0	Grey	4300127
		Brown	4300118
		Black	4300089
		Black-Grey	4300111
		Black-Brown	4300112



### **CALERO BAR** The outdoor bar that lasts

Calero stool, v	0			
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
50 × 80 × 38	66,0	Grey	4300158	

#### **CALERO HIGH TABLE**

Calero high table, width: 150 cm				0
<b>Dimensions</b> W x H x D; cm	Weight <sup>kg</sup>	Colour	Item No.	
150 × 110 × 67	221,0	Grey	4300159	





#### 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

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

#### **Optional accessories:**

» Ground anchor Type 1

#### NOTE

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





### TAUNUS FOREST BENCH

Taunus forest bench, width: 200 cm			ightarrow	
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 93 × 67	147,0	Brown	4300050	



### TAUNUS FOREST BENCH WITHOUT BACKREST

Taunus forest	Taunus forest bench without backrest, width: 200 cm				
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.		
200 × 45 × 41	97,7	Brown	4300051		



### **TAUNUS TABLE**

Taunus table, width: 200 cm				ightarrow
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
200 × 75 × 68	155,0	Brown	4300062	



#### 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.hanit.de



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<b>BA</b>	/ARI	A E	BENG	21



Bavaria bench, width: 200 cm			ightarrow	
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
200 × 80 × 60	127,0	Brown	4300044	

- » 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
- » Seat height: 47 cm

**Optional accessories:** 

» Ground anchor Type 1

Bench will be delivered as a kit. Assembly instructions and materials are included.





Mira bench, width: 200 cm				
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
200 × 47 × 40	71,0	Brown	4300046	

#### **PRODUCT INFO**

- » Board type: Compact
- » Bench without backrest: seat board 200 x 40 x 7.5/6.5 cm
- » Seat height: 47 cm

Optional accessories: » Ground anchor Type 1

Bench will be delivered as a kit. Assembly instructions and materials are included.









Picadilly bench, width: 150 cm				
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
150 × 80 × 65	74,0	Brown	4300063	
Picadilly benc	h, width: 20	0 cm		
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
200 × 80 × 65	90,0	Brown Black-Brown Grey-Black Grey-Brown Grey-Green Grey-Blue Grey-Red	4300013 4300072 4300125 4300122 4300123 4300124 4300087	



- » 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



**Canetti bench without backrest** See page 74



FENCING AND BARRIERS



## TRAFALGAR SQUARE BENCH

Timeless design in a choice of colours







#### **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 75



**Trinity table** See page 75

Canetti bench without backrest
 See page 74







Sutton bench,	ightarrow			
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
200 × 80 × 60	94,0	Brown	4300006	



- » Board type:
   Premium
- » 5 bench boards 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



**Canetti bench without backrest** See page 74

# **HIGH LINE BENCH**

Where elegance has its place



High Line ben		Ø		
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 45 × 48	85,0	Black-Brown	4300145	
Ground ancho	or for High L	ine bench		
<b>Ground ancho</b> <b>Dimensions</b> W x H x D; cm	or for High L Weight kg	ine bench Colour	Item No.	•



#### **PRODUCT INFO**

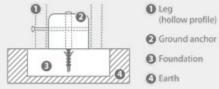
- » Board type: reinforced bench boards
- 8 bench boards 176 x 12 x 4.2 cm »
- Seat height: 45 cm »

#### **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



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Dimensions

W x H x D; cm

130 × 48 × 46

Dimensions

W x H x D; cm

180 × 48 × 46



Weight

Weight

kg

70,0

kg

52,0

Minimalist design, maximum usage

Colour

Colour

Black-Brown

Black-Brown



Ø

Item No.

4300155

Item No.

4300156

- 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.

04



## SOMERSET BENCH

Ready to use after setting into the ground



Somerset ben	ullet			
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 75 × 65	113,0	Brown	4300042	



#### **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.hanit.de and downloaded from the selected product page.



## **HIGHLANDS BENCH**

A new variation of the embedded bench

Highlands ber	igodol			
<b>Dimensions</b> W x H x D; cm	Weight kg	Colour	Item No.	
$200 \times 75 \times 65$	104,0	Brown	4300065	





#### **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.hanit.de and downloaded from the selected product page.

## O O O PROVENCE BENCH

Familiar design – new interpretation



Provence ben	ightarrow			
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 80 × 65	77,0	Brown	4300035	



#### **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.

## O O O SAPO BENCH

Higher backrest for extra comfort

#### **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 H x D; cm	Weight kg	Colour	Item No.	
200 × 90 × 61	89,0	Brown	4300120	



 $\bigcirc$ 

# O ▲ O SAPO SENIOR'S BENCH

Raised seat makes it easier to stand up



Sapo Senior's	lacksquare			
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 97 × 61	93,0	Brown	4300146	

#### **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







Tarlo Senior's bench, width: 160 cm				$\oslash$
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
160 × 95 × 57,5	80,5	Grey-Brown	4300165	



- Board type:
   Premium
- » 6 bench boards 150 x 12 x 4.7 cm
- » Seat height: 52 cm
- » Legs: hanit<sup>®</sup> 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.



04



Aveto sun loun				
Dimensions W x H x D; cm	Weight kg	Colour		
150 × 119 × 165	195,0	Grey-Brown Grey-Green Grey-Blue	4300166 4300167 4300168	

- » Board type:Premium
- » 21 bench boards: 150 x 8 x 4.7 cm
- » Frame: hanit<sup>®</sup> sun lounger seat end
- Optional accessories: » 4 x Ground anchor Type 1







## 



Stelvio set, wid	ith: 252 cm	ı		ightarrow
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
252 × 75 × 250	297,0	Brown	4400007	



#### **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





Serengeti set, width: 200 cm				
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
200 × 76 × 174	195,0	Brown Grey-Green Grey-Blue Grey-Red	4400009 4400012 4400013 4400016	

Serengeti set, v	vidth: 240 cr	n, with exter	nded tabletop	ullet
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
240 × 76 × 174	194,0	Brown	4400001	







VERSION WITH EXTENDED TABLETOP

- » Board type Serengeti:
   6 bench boards Premium 200 x 10 x 4.7 cm
   6 table boards Premium 200 x 12 x 4.7 cm
- » Board type Serengeti: 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 200/240 cm
   Table height: 76 cm

#### **Optional accessories:**

» Ground anchor Type 3



The picnic all-rounder with one-piece table top



Isola set, width	: 200 cm			ightarrow
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
200 × 78 × 174	173,0	Brown	4400015	



#### **PRODUCT INFO**

- » Board type: Premium
- » 6 bench boards 200 x 10 x 4.7 cm
- » 1 Table top 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







Gatton round be	•			
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
300 × 80 × 260	411,0	Brown	4400011	
Gatton round be	ench, outer-	Ø: 400 cm		ightarrow
Gatton round be Dimensions W x H x D; cm	ench, outer- Weight kg	Ø: 400 cm Colour	Item No.	



- » 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





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Iona bench base element					
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.		
290 × 47 × 70	212,0	Brown	4500005		
lona bench add	l-on element				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.		
220 × 47 × 70	119,0	Brown	4500007		



#### **BASE ELEMENT**

#### ADD-ON ELEMENT

#### » Board type: Premium

**PRODUCT INFO** 

- » 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







## GRAND CANYON SHELTER

Shade and shelter all year round

Grand Canyon s	ightarrow			
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
280 × 275 × 255	1.081,0	Brown	4500004	





- » 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.





For sitting, leaning or chilling



For burying, wid	or burying, width: 200 cm			lacksquare
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
200 × 78 × 27,5	85,0	Brown	4500003	

#### **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.hanit.de and downloaded from the selected product page.











For sitting on the backrest

Tremezzo you	• 🖉			
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
200 × 74 × 72	117,0	Brown Grey-Green-Blue	4500001 4500006	







#### **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.hanit.de and downloaded from the selected product page.



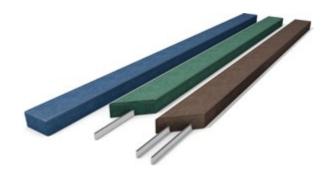


## BENCH BOARD CLASSIC

For versatile solutions

Colours





Milled						
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
8	150	6,0	80	Brown	4600156	
8	180	7,0	80	Brown	4600142	
8	200	8,0	80	Brown	4600084	
10	150	7,0	80	Brown	4600085	
10	180	8,4	80	Brown	4600138	
10	200	9,5	80	Brown Grün Blau	4600086 4600130 4600256	
12	150	8,0	60	Brown	4600087	
12	180	9,7	60	Brown	4600144	
12	200	11,0	60	Brown Grün Blau	4600088 4600131 4600273	
14	200	12,5	50	Brown	4600089	
14	240	15,0	50	Brown	4600090	

Milled reinforcement, thickness 4,5 cm					ullet	
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
5,5	200	6,4	85	Brown	4600095	

Two Milled-in reinforcements, thickness 4 cm						
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
17	200	16,3	40	Brown	4600091	
17	240	20,0	40	Brown	4600092	
19	200	17,8	40	Brown	4600093	
19	240	22,0	40	Brown	4600094	





#### 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.hanit.de 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.

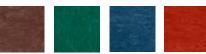




## BENCH BOARD PREMIUM

Special board with internal reinforcement

#### Colours



Interio	r reinforce	ment, thic	kness: 4	4,7 cm		
Width cm	Length cm	Weight kg	Pal. Pcs.	Colour	Item No.	
8	150	6,5	80	Brown Green Blue Red	4600161 4600469 4600470 4600268	
8	180	7,8	80	Brown	4600651	
8	200	9,0	80	Brown Green Blue Red	4600074 4600379 4600380 4600381	
10	150	8,0	80	Brown Green Blue Red	4600162 4600401 4600238 4600387	
10	180	9,5	80	Brown	4600244	
10	200	10,5	80	Brown Green Blue Red	4600158 4600233 4600416 4600464	
12	150	9,0	60	Brown Green Blue Red	4600163 4600382 4600277 4600383	
12	180	11,1	60	Brown	4600243	
12	200	12,5	60	Brown Green Blue Red	4600159 4600259 4600417 4600465	



#### 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.hanit.de and downloaded from the selected product page.
- » Reinforcement ends approximately 3.5 cm from profile end.







# O

## **COMPACT BENCH BOARD**

Colour Item No.

Brown

Colour

Brown

4600111

Item No.

4600110

The board out of one mould

Pal.

Pcs

30

Pal.

Pcs.

30

#### Colours

Width

Width

cm

27,5

cm

40

Length Weight

ard, conical, thickn

Length Weight

kg

32,0

kg

54,0

cm

200

cm

200



#### SEAT BOARD WITH DOUBLE REINFORCEMENT

#### NOTE

 $\bigcirc$ 

 $\bigcirc$ 

- » 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.hanit.de and downloaded from the selected product page.
- » Reinforcement ends approximately 10 cm from profile end.





#### BACK BOARD WITH SINGLE REINFORCEMENT







#### Colours – depending on stock levels



Type 1 – Stand	ard			lacksquare
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
10×27×48	6,0	Brown	4600108	
Type 2 – For Tr	afalgar Squa	re and Picca	dilly models	
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
$10 \times 30 \times 65$	10,0	Brown	4600764	
Type 3 – For Ser	engeti and Iso	la sets, Hyde	Park table	
	engeti and Iso Weight kg	la sets, Hyde Colour	Park table Item No.	



#### **PRODUCT INFO**

For burying or concreting into the ground for benches or tables



<sup>1</sup> Including assembly materials.



## ARMREST

For even more comfort





Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
5,5 × 24 × 34	3,0	Brown	4600203	
Type 2 - For Pic	ccadilly benc	hes (page 82	2)	
<b>Dimensions</b> W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
5,5 × 24 × 40	3,0	Brown	4600204	
Type 3 - For Tra	afalgar Squai	e benches (	page 83)	C
Type 3 - For Tra Dimensions W x H x D; cm	afalgar Squar Weight kg	e benches ( Colour	page 83) Item No.	





# 

## **MUSCARI PLANTER**

Strong and substantial

#### Colours

Dimensions

W x L x H; cm

60 × 130 × 50



Weight

kg

120,0

Colour

Grey

Brown

Black

Volume Item No.

4700020 4700008

4700105

litres

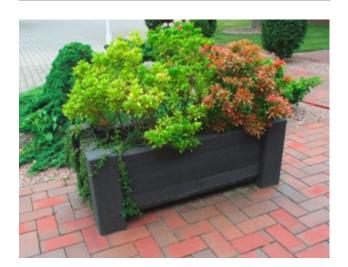
127

#### **PRODUCT INFO**

 $\bigcirc \bigcirc \bigcirc \bigcirc$ 

» 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.













Vinca							C
Variant		<b>Dimensions</b> W × L × H; cm	Weight kg	Volume litres	Colour	Item No.	
Vinca 1	S	88 × 52 × 44	71,5	108	Brown	4700009	
	М	88 × 52 × 56	90,0	144	Brown	4700194	
	L	88 × 52 × 68	108,0	180	Brown	4700195	
Vinca 2	S	108 × 62 × 44	90,5	181	Brown	4700010	
	М	108 × 62 × 56	113,0	248	Brown	4700196	
	L	108 × 62 × 68	135,0	310	Brown	4700197	
Vinca 3	S	139 × 78 × 44	131,7	336	Brown	4700011	
	М	139 × 78 × 56	160,0	458	Brown	4700198	
	L	139 × 78 × 68	190,0	572	Brown	4700199	
Vinca 4	S	166 × 91 × 44	163,0	498	Brown	4700012	
	М	166 × 91 × 56	197,0	675	Brown	4700200	
	L	166 × 91 × 68	230,0	845	Brown	4700201	

» 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.







**IBERIS PLANTER** 

Neutral and inconspicuous





Iberis							ightarrow
Variant		<b>Dimensions</b> $W \times L \times H$ ; cm	<b>Weight</b> kg	Volume litres	Colour	Item No.	
Iberis 1	S	70 × 70 × 47	95,0	97	Brown	4700023	
	М	70 × 70 × 56	113,0	121	Brown	4700174	
	L	70 × 70 × 65	133,0	146	Brown	4700175	
Iberis 2	S	70 × 110 × 47	126,0	172	Brown	4700024	
	М	70 × 110 × 56	151,0	215	Brown	4700180	
	L	70 × 110 × 65	175,0	258	Brown	4700181	
Iberis 3	S	110 × 110 × 47	165,0	305	Brown	4700025	
	М	110 × 110 × 56	196,0	380	Brown	4700176	
	L	110 × 110 × 65	227,0	457	Brown	4700177	
Iberis 4	S	110 × 140 × 47	200,0	404	Brown	4700026	
	М	110 × 140 × 56	235,0	505	Brown	4700182	
	L	110 × 140 × 65	271,0	606	Brown	4700183	
Iberis 5	S	140 × 140 × 47	235,0	536	Brown	4700027	
	М	140 × 140 × 56	275,0	670	Brown	4700178	
	L	140 × 140 × 65	315,0	803	Brown	4700179	



#### **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.





04



Planting made easy

#### Colours





Raised bed T		$\bigcirc \bigcirc$			
<b>Dimensions</b> W × L × H; cm	Weight kg	Volume litres	Colour	Item No.	
90 × 190 × 63	132,0	685	Grey	4700165	

Raised bed To	$\bigcirc \bigcirc$				
<b>Dimensions</b> $W \times L \times H$ ; cm	Weight kg	Volume litres	Colour	Item No.	
90 × 190 × 83	165,0	914	Grey Brown	4700103 4700104	

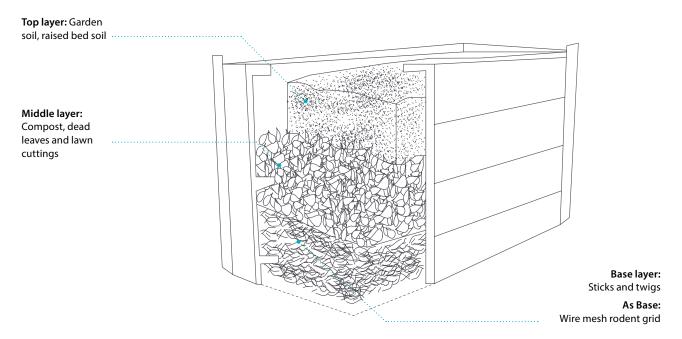
#### **PRODUCT INFO**

- » 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





# MODULAR COMPOSTER

Quick to assemble and rot-free

#### Colour







Туре 650	ightarrow			
<b>Dimensions</b> W x L x H; cm	Weight kg	Colour	Item No.	
100 × 100 × 90	56,0	Brown	4700074	

#### **PRODUCT INFO**

Volume:	
16 boards:	
4 boards:	

approx. 650 litres 2.5 x 100 x 14 cm 2.5 x 100 x 7 cm

Delivered as a kit excluding base.

# **CEMETERY COMPOSTER**

Sturdy and durable

#### Colour



Conical, with al	ightarrow					
Dimensions W x L x H; cm						
100 × 100 × 78	76,0	Brown	4700046			

#### **PRODUCT INFO**

- » Volume: approx. 528 litres
- » Aluminium frame

Completely assembled on delivery.





#### Colour



Dimensions	Weight	Colour	Item No.	
Ø×H; cm	kg			
42 × 54	18,0	Brown	4800009	
Clamping ring				
	Weight		Item No.	
	kg			
	0,5		4800015	
Wire basket				
	Weight kg		Item No.	
	2,5		9001555	



### **PRODUCT INFO**

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





WIRE BASKET



### **COLLEC LITTER BIN**

Solid and clean





Bin round, ap	ullet			
<b>Dimensions</b> Ø × H; cm	<b>Weight</b> kg	Colour	Item No.	
48 × 66	31,0	Brown	4800006	

#### **PRODUCT INFO**

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





# STORA LITTER BIN

The versatile choice

#### Colour



Bin round, ap	ullet			
<b>Dimensions</b> Ø × H; cm	Weight kg	Colour	Item No.	
52×100	55,0	Brown	4800004	

#### **PRODUCT INFO**

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





#### NOTE

Something heavy made easy. Open the bin with a simple flick of the wrist and take the rubbish out comfortably.





## PLAYGROUND FURNITURE

hanit<sup>®</sup> 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<sup>®</sup> 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

#### OUTDOOR CLASSROOM



#### AT ONE WITH NATURE



#### PLAYING WITH MUD



### Children's benches and tables

»	Canetti children's bench
	with backrestp. 114
»	Canetti children's bench
	without backrestp. 114
»	Canetti children's tablep. 115
»	Tivoli children's tablep. 115
»	Calero children's bench
»	Calero children's table
»	Pippolino children's bench <i>p. 117</i>
»	Forio children's setp. 118–119

#### SANDBOXES



#### Sandboxes

»	Dahna sandboxp. 121
»	Namib sandboxp. 122
»	Sahara sandboxp. 123
»	Kalahari sandboxp. 124
»	Gobi sandboxp. 124

#### Learning and experience

»	Mud tablep. 12	20
»	Terra kid's raised bedp. 12	25

05





### CANETTI CHILDREN'S BENCH

The first hanit® children's bench with backrest

Canetti children				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 63 × 53	52,0	Brown Grey-Green Grey-Blue Grey-Red	5000091 5000092 5000093 5000094	







### CANETTI CHILDREN'S BENCH

Without backrest

Canetti children'				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 34 × 34	28,5	Brown Grey-Green Grey-Blue Grey-Red	5000026 5000027 5000028 5000031	



### **CANETTI CHILDREN'S TABLE**

With closed tabletop

Canetti childre				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 57 × 60	65,8	Brown Grey-Green	5000076 5000077	
		Grey-Blue Grey-Red	5000078 5000079	







### **TIVOLI CHILDREN'S TABLE**

With individual boards

Tivoli children's				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 59 × 60	68,5	Brown Grey-Green Grey-Blue Grey-Red	5000035 5000036 5000037 5000032	



### 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

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

#### **Optional accessories:**

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

BUILDING AND CONSTRUCTION

05



Lively, trendy, colourful

Calero children's bench, width: 150 cm

kg

51,0

Dimensions

W x H x D; cm

 $150 \times 34 \times 28$ 

Weight Colour

Grey-Blue

Green-Red-Blue 5000011



#### **PRODUCT INFO**

0

Item No.

5000010

- » 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!

#### **PRODUCT INFO**

- » 5 table profiles: 132 x 9 x 9 cm
- **Optional accessories:**
- » Ground anchor Type 1
- » Table height: 57 cm Tabletop surface: »
- 47 x 150 cm

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



Calero children's table, width: 150 cm				
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
150 × 57 × 47	101,4	Grey-Blue Green-Blue-Red	5000012 5000013	







### **PIPPOLINO CHILDREN'S BENCH**

The bench that grows with you

Pippolino children's bench, width: 150 cm				Ø
Dimensions W x H x D; cm	Weight kg	Colour	Item No.	
150 × 70 × 68	55,0	Grey-Green-Blue	5000014	

#### **PRODUCT INFO**

- » Board type: Classic
- 1 seat board » 138 x 19 x 4.0 cm 1 back board

»

**Optional accessories:** » Ground anchor Type 2

<sup>1</sup>Seat height can be optionally

- 138 x 17 x 4.0 cm Seat height: 25/34 cm<sup>1</sup> »
  - attached to 25 cm

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













Forio children's	• 🖉 🖉 🧭			
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour		
150 × 57 × 108	83,0	Brown Grey-Green Grey-Blue Grey-Red	5000021 5000020 5000019 5000033	



### **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

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

- **Optional accessories:**
- » Ground anchor Type 3









Forio backrest,				
Dimensions W x H x D; cm	<b>Weight</b> kg	Colour	Item No.	
150 × 35 × 20	17,0	Brown Green Blue Red	5000112 5000115 5000114 5000113	



#### **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.







### **MUD TABLE**

Splinter-free fun for years to come

End table			
$\begin{array}{l} \textbf{Dimensions} \\ W \times L \times Ha \times Hb; cm \end{array}$	Weight kg	Colour	Item No.
78 × 150 × 29/29	72,0	Grey-Brown	5200035
Flow element 1			
<b>Dimensions</b> $W \times L \times Ha \times Hb; cm$	Weight kg	Colour	Item No.
78 × 150 × 42/52	76,0	Grey-Brown	5200031
Flow element 2			
	147 1 1 1		1. NI
<b>Dimensions</b> W × L × Ha × Hb: cm	Weight kg	Colour	Item No.
78 × 150 × 62/72	82,0	Grey-Brown	5200043
Flow element 3			
<b>Dimensions</b> $W \times L \times Ha \times Hb$ ; cm	Weight kg	Colour	Item No.
78 × 150 × 82/92	88,0	Grey-Brown	5200040
Water pump stand			
Dimensions W × L × H; cm	Weight kg	Colour	Item No.
100 × 100 × 22	105,0	Brown	5200008
Water pump with s	tand		
Dimensions	Weight	Colour	Item No.
$W \times L \times H; cm$	kg		
100 × 100 × 127	135,0	Brown-Grey	5200028



Colours

#### **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.







Circle in the Square

-	
	C

Dahna sandbox				Ø
<b>Dimensions</b> W × L × H; cm	Weight kg	Colour	Item No.	
200 × 200 × 28	185,0	Grey-Blue-Green	5100082	

#### **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.







### NAMIB SANDBOX

Simple, square and practical

#### Colours





				-
Namib sandbox	1			C
Dimensions	Weight	Colour	Item No.	
$W \times L \times H$ ; cm	kg			
200 × 200 × 31	214,0	Brown	5100020	
Namib sandbox	2			C
Dimensions	Weight	Colour	Item No.	
WxL x LL om	kg			
$W \times L \times H$ ; cm				

Namib sandbox		•		
<b>Dimensions</b> W × L × H; cm	<b>Weight</b> kg	Colour	Item No.	
400 × 400 × 31	467,0	Brown	5100022	

Namib sandbox 4				igodot
<b>Dimensions</b> W × L × H; cm	Weight kg	Colour	Item No.	
500 × 500 × 31	586,0	Brown	5100023	

#### **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.







### SAHARA SANDBOX

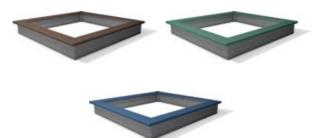
Wonderland for the imagination



Sahara sandbo	<b>(1</b>			$\bigcirc \bigcirc $
<b>Dimensions</b> W × L × H; cm	<b>Weight</b> kg	Colour	Item No.	
200 × 200 × 27	179,0	Grey-Brown	5100028	
		Grey-Grün	5100029	
		Grey-Blau	5100030	
		Grey-Rot	5100049	
Sahara sandbo	<b>(</b> 2			$\bigcirc \bigcirc $
<b>Dimensions</b> W × L × H; cm	Weight kg	Colour	Item No.	
	075.5	Grey-Brown	5100039	
300 × 300 × 27	275,5	aley-blowin	0100000	
300 × 300 × 27	275,5	Grey-Grün	5100040	
300 × 300 × 27	275,5	,		

Grey-Rot

5100050





#### **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.





### **KALAHARI SANDBOX**

Fun in every corner



### Colours





Sandkasten K	alahari 1			ightarrow
<b>Dimensions</b> Ø × H; cm	Weight kg	Colour	Item No.	
175 × 31	73,7	Brown	5100018	
Sandkasten K	alahari 2			$\bullet$
<b>Dimensions</b> Ø × H; cm	Weight	Colour	Item No.	
0 ~ 11, 011	kg			

#### **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

Sandkasten Gob	oi 1			ightarrow
<b>Dimensions</b> W × L × H; cm	Weight kg	Colour	Item No.	
120 × 120 × 31	73,5	Brown	5100024	
Sandkasten Gob	oi 2			igodol
<b>Dimensions</b> $W \times L \times H$ ; cm	Weight kg	Colour	Item No.	
240 × 240 × 31	142,5	Brown	5100025	

#### **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.







### TERRA KID'S RAISED BED

For little green fingers

Terra kid's rai	sed bed 1				$\bigcirc$
<b>Dimensions</b> $W \times L \times H; cm$	Weight kg	Volume litres	Colour	Item No.	
90 × 190 × 63	132,0	685	Grey Brown	4700165 4700166	





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 108 (chapter 4) for how to fill a raised bed

Delivered as a kit excluding base and accessories.



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