



hanit no-maintenance products for campsites

www.hanit.de

More
free time for
operators

hanit recyclable material – all benefits at a glance

A smart solution for people and the environment

○ Maintenance-free & weatherproof

Wind and weather do not faze hanit, as it is weatherproof and weather-resistant and can be used outdoors all year round. It repels moisture, does not absorb water and is therefore quick-drying. hanit is rot-proof and can also be used directly in or on the ground. It does not need to be impregnated, painted or maintained.

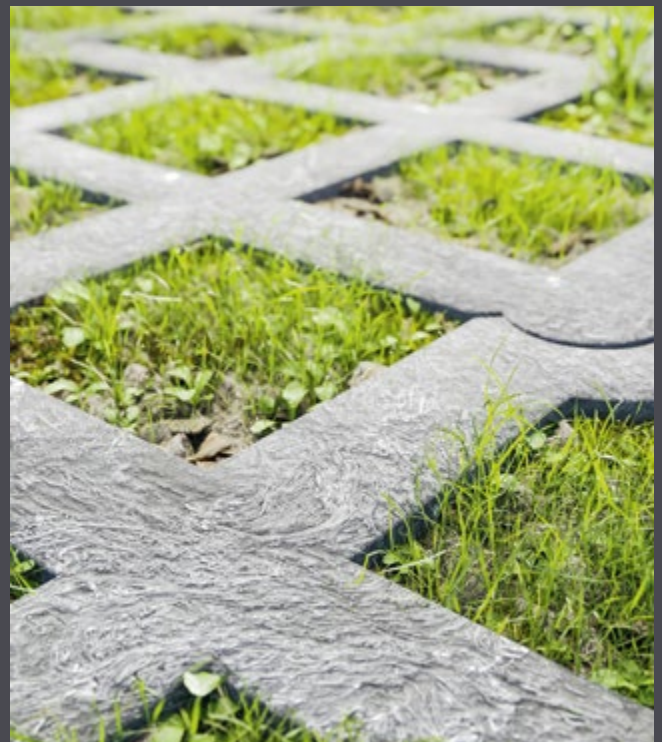
○ Environment-friendly & non-toxic

hanit is free of toxins and harmful substances in accordance with DIN EN 71-3 (European Standard for Toy Safety). Laboratory tests also confirm the 100% food conformity of hanit. hanit is produced without impregnation, relieves pressure on landfills and sustainably protects the environment due to its 100% recycled plastic content.

○ Easy to work with: drilling, sawing, screwing, nailing

hanit is easy to work with and use. So on-site adjustments are no problem. Its low weight means it is lighter than stone or concrete and can therefore be better transported, lifted and positioned in the shoring. hanit can be sawn, milled, drilled or planed with conventional tools if required and is reminiscent of working with wood. But, unlike wood, hanit does not splinter.

Our raw material – hanit pellets,
made from perishable packaging
materials



hanit is used to make a wide range of around 2,000 products. We are happy to send you additional themed brochures with even more interesting products.



Anti-slip thanks to special fluting.
Perfect for stairs, bridges, jetties, etc.

hanit for camping and more

All-round solutions, from waste management systems to fencing

Campers expect a beautiful place where they can feel at home on their holiday and have a wonderful time. And for campsite operators, customer satisfaction and wellbeing are just as important as profitability and plannability. Cleanliness and practical solutions are also very important.

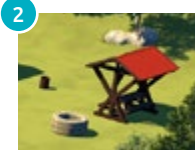
hanit meets all these needs, for smart solutions that will make everyone happy. Campsite operators appreciate the functionality of the products that quickly pay for themselves, while guests enjoy infrastructure that looks lovely and works well. Take a look at our comprehensive product portfolio and get inspired.





1 Outdoor furniture

Picnic benches, tables and seating in different designs for different uses.



2 Covered table and bench

A cosy little spot, even in windy weather. Durable, low-maintenance and sustainable.



3 Footpath planks

Whether it's time for renovations or building a new bridge, our footpath planks and footpath plank elements are quick to lay, long-lasting, and maintenance-free.



4 Ground reinforcements

For a solid footing without completely sealing the surface. Our highly durable ground reinforcements seamlessly blend into the natural environment of a campsite.



5 Semi-permanent terraces

Quickly installed for long-term use. Our eco slab system.



6 Barrier

Low barriers for structuring campsites and grounds.



7 Partition

Give open structure to the grounds with areas that still allow for friendly chitchat with the neighbours, created simply with our Easy railing system.



8 Fences and screens

Can be used as a complete fencing solution in public spaces. Easy and flexible to repair with spare parts available separately.



9 Everything a little camper could need

Our children's furniture, sand boxes and mud table systems are not only popular with the little campers – parents love them too, because they turn a campsite into a family-friendly facility.



10 Bollards, posts, edging

Flexible solutions for marking and blocking off areas that will remain absolutely stable, robust and rot-proof.

Creating a home away from home

Attractive, comfortable and practical tables and benches

A great holiday is all about the little things. At a campsite, this means enough tables and benches for meals, relaxation, and enjoying time together. For a place to feel like a home away from home, it takes more than just a nice, shady location. It also needs to have comfortable benches and practical tables. Our tables, benches, picnic sets and special series made of hanit are available in different models and colours for unique designs. They offer comfortable seating, dry quickly, can be used all year around, do not splinter and are very robust. And they don't require maintenance or storage.



Calero series

- Installation area (W × H × D): 150 × 75 × 174 cm
- Seat height: 45 cm, tabletop: 150 × 67 cm, table height: 75 cm
- 8 bench profiles + 7 table profiles: 132 × 9 × 9 cm
- Durable and rot-proof
- Optional extras: Ground anchor

Available in the following colours:



grey



brown



anthracite



anthracite / grey



anthracite / brown



Available in the following colour:



grey

Calero bar



- Installation area (W × H × D): 150 × 110 × 173 cm,
- 7 profiles: 132 × 9 × 9 cm, 4 profiles: 32 × 9 × 9 cm
- Heavy dead weight prevents theft
- Optional extras: Ground anchor

Weatherproof, for use all year round



Tivoli series

- Installation area (W × H × D): 150 / 200 × 80 × 205 cm
- Seat height: 45 cm, tabletop: 150 / 200 × 70 cm, table height: 75 cm
- 8 bench planks: 150 / 200 × 10 × 4.7 cm, Premium
- 5 table planks: 150 / 200 × 12 × 4.7 cm, Premium
- Optional extras: Ground anchor and armrests on request

Available in the following colours:



brown



grey / green



grey / blue



grey / red



Taunus series



- Dimensions (W × H × D): 200 × 93 × 206 cm
- 8 bench planks: 200 × 10 × 4.7 cm, Premium
- 5 table planks: 200 × 12 × 4.7 cm, Premium
- Seat height: 45 cm, tabletop: 200 × 68 cm, table height: 75 cm
- For digging into the ground, heights from the top of the soil

Available in the following colour:



brown

Sit and lay comfortably on this sun lounger. It's even comfortable to share, because there's room for one more – or even the whole family. The special wave shape of the lounger offers the very highest level of comfort. It's made of our hanit recycled plastic, is weatherproof, doesn't splinter, is non-toxic and never needs to be weatherproofed or painted.



Available in the following colours:



grey / brown



grey / green



grey / blue



Ergonomic lounge shape for perfect relaxation

Quick and easy to assemble anywhere as a construction kit

Aveto sun lounger

- Dimensions (W x H x D): 150 x 119 x 165 cm
- 21 bench planks: 150 x 8 x 4.7 cm, Premium
- No need to dismantle and store the furniture in winter
- Durable, rot-proof and stable
- Optional extras: Ground anchor

Serengeti picnic bench



- Dimensions (W × H × D): 200 × 76 × 174 cm
- 6 bench planks: 200 × 10 × 4.7 cm, Premium
- 6 table planks: 200 × 12 × 4.7 cm, Premium
- Optional: Only available in brown with extended tabletop
- Dimensions (W × H × D): 240 × 76 × 174 cm
- 5 table planks: 240 × 14 × 4 cm, Classic
- Seat height: 46 cm, tabletop: 200 / 240 × 77 cm, table height: 76 cm
- Optional extras: Ground anchor



Available in the following colours depending on the model:



brown



grey / green



grey / green



grey / red



Grand Canyon covered bench set



Available in the following colour:



brown

Protection from
sun and rain

- Dimensions (W × H × D): 280 × 275 × 255 cm
- 11 bench planks: 200 × 10 × 4.7 cm, Premium
- Seat height: 45 cm, table height: 75 cm
- Tabletop: 60 × 200 cm
- Ideal for hiking paths
- Delivered partially assembled

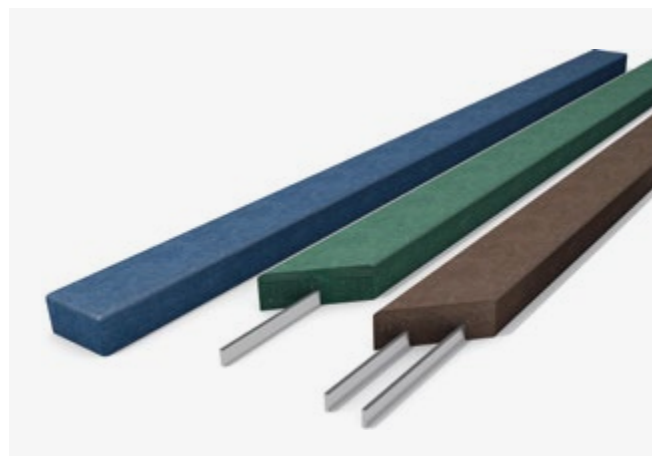
Bench planks made of hanit

For flexible, versatile solutions

Our bench planks are ideal for equipping existing substructures, either for renovation or new constructions. They are suitable for designing seating in sports facilities, open-air theatres and schoolyards or for using concrete bases, U-stones and gabions as benches. The internal or milled-in reinforcement increase the stability considerably.



Classic bench plank



Reinforcement means increased spans are possible



- With single or double milled reinforcement
- Lengths: from 150 to 240 cm
- Widths: from 5.5 to 19 cm
- Thickness: from 4 to 4.5 cm

Available in the following colours depending on the model:



brown



green



blue

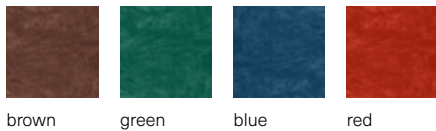


Premium bench plank

The ideal profile for replacing rotten wooden planks – quickly and permanently



Available in the following colours depending on the model:



- With internal reinforcement
- Lengths: 150 cm, 180 cm, 200 cm
- Widths: 8 cm, 10 cm, 12 cm
- Thickness: 4.7 cm

Compact bench plank



- Seat plank with double internal reinforcement, (T × W × L): 7.5 / 6.5 × 40 × 200 cm
- Back plank with single internal reinforcement, dimensions (T × W × L): 6.5 / 5.5 × 27.5 × 200 cm

Available in the following colour:



brown



Barrier



Available in the following colour:



brown

- Diameter of post and crossbar: 12 cm
- Length of crossbar: 280 cm
- Height after installation: 55 cm or 105 cm depending on version
- Very robust due to reinforced crossbar

Easy railing system



- Dimensions
Field posts: Ø 15 cm, length: 150 cm
Crossbar: Ø 8 cm, length: 225 cm
- Quick assembly due to plug-in system
- Crossbar with internal reinforcement for maximum stability

Available in the following colour:



brown

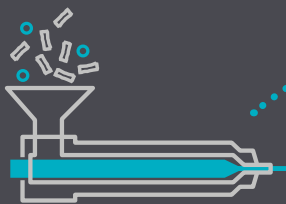


Using know-how with mixed plastics



This results in a wide range of products.

When the products are no longer used in the distant future, they can be easily **recycled again**, and the cycle starts from the beginning again.



The pellets are melted and injected into moulds. Sometimes we even add colour the plastic melt.



It all starts in private households. Here the packaging is put into recycling bins...



...or collected in yellow bags.



The contents are brought to a sorting plant.



Here the packaging is separated into raw materials (e.g. tinplate and plastics). Unsuitable leftover materials are discarded.



We use the bales to create pellets of our **hanit** recycled plastic.



The plastic packaging is compacted into bales and delivered to **HAHN Kunststoffe**.

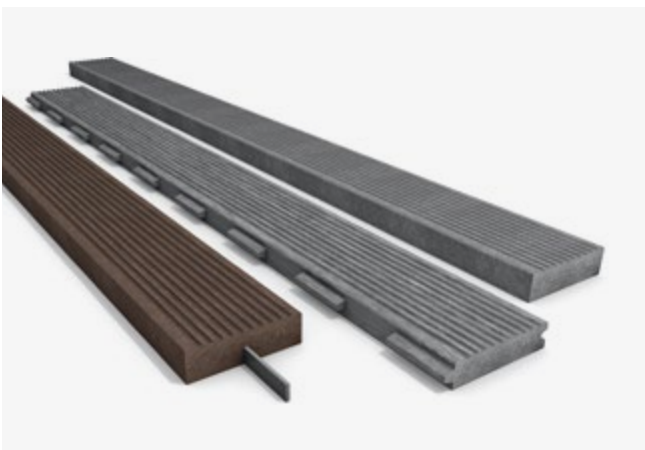


For the best connections

Our stable and barefoot-friendly footpath planks

The paths on a campsite keep everything connected, and they have to be able to endure a lot – walking, running and playing. The paths need to be made of a material that's robust and maintains its shape. hanit footpath planks and elements offer components that can withstand daily use without requiring any maintenance or upkeep. Just lay them and forget about muddy paths. And because hanit doesn't splinter and is non-toxic, our footpath planks are even suitable to run along barefoot.

Footpath planks



- Lengths: from 100 to 300 cm
- Thickness: 4 / 4.8 / 6 cm, width: 16.5 / 17 / 19.7 cm depending on the model
- Available with and without tongue and groove
- Very resilient due to the thickness of the profiles
- Also available with steel reinforcement for increased spans

Available in the following colours:



grey

brown

Non-toxic in accordance
with DIN-EN 71-3



Typical applications for our planks are:

- Terraces for mobile homes and restaurants
- Paths to beaches, pools or lakes
- Small bridges and overpasses
- Platforms, jetties and borders



Footpath plank element



- Dimensions (W × L): from 100/ 120 × 100 cm
- Thickness: 8 cm
- Very resilient due to the thickness of the profiles
- No steel reinforcement
- Quick to install



Available in the following colours:



grey

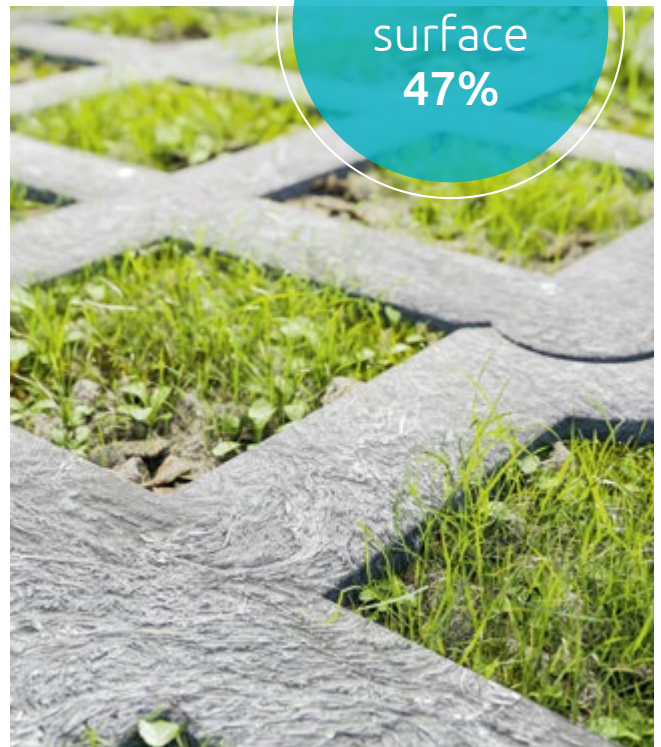


brown

Grass paver



- Dimensions: 60 x 40 cm, thickness: 8 cm
- Simple installation due to connecting system
- Each slab only weighs 9 kg
- Requirement per m²: approx. 4.17 slabs
- Sealed surface: approx. 47%



Sealed surface
47%

Load-bearing capacity: suitable for traffic loads of up to SLW 60/HGV 60 according to DIN 1072



- Dimensions: 33.3 x 33.3 x 4 cm
- Lightweight and easy to lay
- High load-bearing capacity: 250 tons per m²; product weighs only 0.5 kg
- Sealed area less than 30%
- Flexible marking elements for, for example, marking parking spaces are available as an optional extra

Available in the following colour:



grey

Hanpave



Available in the following colour:



anthracite



Easy to adapt
with a jigsaw

Parking spots must remain stable in any weather conditions. But sealing the soil up should be avoided as far as possible – for the sake of the environment and to allow the water to seep away. Our hanit grass pavers and Hanpave elements offer the perfect solution. They are lighter than concrete and stone, but just as tough. The rain-permeable grid structure is ideal for stabilising surfaces such as lawns, gravel and wet soil.

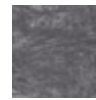
And parking spots and paths can be created in no time with our hanit pavers or eco slabs – without a huge undertaking on the part of both the workers and their equipment. Pavers and eco slabs made of lightweight hanit offer the same level of stability as traditional paver solutions. They can easily withstand motorhomes and similar loads.

Paver



- Dimensions: 50 x 50 x 6 cm
- High laying capacity and low weight
- Approx. 4 elements required per m², sealed surface approx. 85% Suitable for traffic loads of up to SLW 60 / HGV 60 according to DIN 1072
- Strong connection with hook and eye system
- Hollow cavity for optimum material use and high stability

Available in the following colour:



grey

Eco slab



- Dimensions: Thickness: 4 cm, Ø outer: 46 cm, Ø inner: 40 cm
- Ideal for temporary use
- Ribbed structure on the bottom for increased stability
- Available with and without water drainage slits
- Requirement per m²: approx. 7 slabs



Available in the following colours:



grey



brown

Round palisades



Available in the following colours depending on the model:



grey



brown



One-off investment – long-term benefits

- Lengths: 60 to 280 cm, depending on the model
- Diameter: from 10 cm to 20 cm
- Full or hollow profile depending on length
- Stable and round

Rectangular palisades



- Lengths: 60 to 150 cm, depending on the model
- Profile dimensions: 12 × 16 cm, 16 × 24 cm
- Many advantages compared to wood and concrete
- Water-neutral and rot-proof
- Very easy to work with

Design elements available in different shapes and colours



Available in the following colours depending on the model:



grey



brown



anthracite



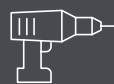
Tool selection

hanit is easy to work with



Sawing & cutting

Using fast-running band and circular saws with slightly side-set teeth, preferably made of hard metal, an optimum cutting pattern is achieved. To avoid smearing the plastic, speedy chip removal is recommended. Length reductions can also be made using a chainsaw. A loss of accuracy must also be taken into account.



Drilling

Twist drills with an angle of twist of 20° to 30° and a point angle of 110° to 120° can almost always be used. Relaxation strokes should occasionally be used, especially with larger drilling depths, to avoid high frictional heat.



Planing

Electric planers are also suitable for use on plastics. The surface depends to a large extent on the rate of feed, cutting speed, clearance and rake angle and the condition of the blades.



Milling

Here, the chip cross-section should be as large as possible to keep the heat from machining relatively low. The cutting depth and rate of feed should be large whereas the cutting speed should be low. To increase the tool life, we recommend using milling cutters with hard metal indexable inserts.



Deburring

Angle grinders are not suitable for cutting work because of the high rotational speed. An angle grinder can, however, be used on plastic parts that have burrs or edges after machining.

Processing tips

Here's the best way to do it

hanit products can be processed using conventional wood and metalworking tools and machines if required. Due to the properties of the material, however, some special features need to be observed.



Nailing

hanit products can be nailed conventionally and using a nail gun. However, due to the compact surface, penetrating the profiles is more difficult than with wood. Please bear this in mind when fixing.



Support spacing

In contrast to wood or metal products, plastic is less rigid and more flexible. For support spacing in jetty, fence and terrace construction, these special material properties must be observed accordingly.



Hammering

If the profiles are smashed, we recommend using a pile driver or edge protector to avoid damage to the product.



Length changes

Boards, sleepers and square profiles must not be press-fitted. The profiles may vary in length by +/- 1.5% due to temperature. An expansion gap must therefore be maintained 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.



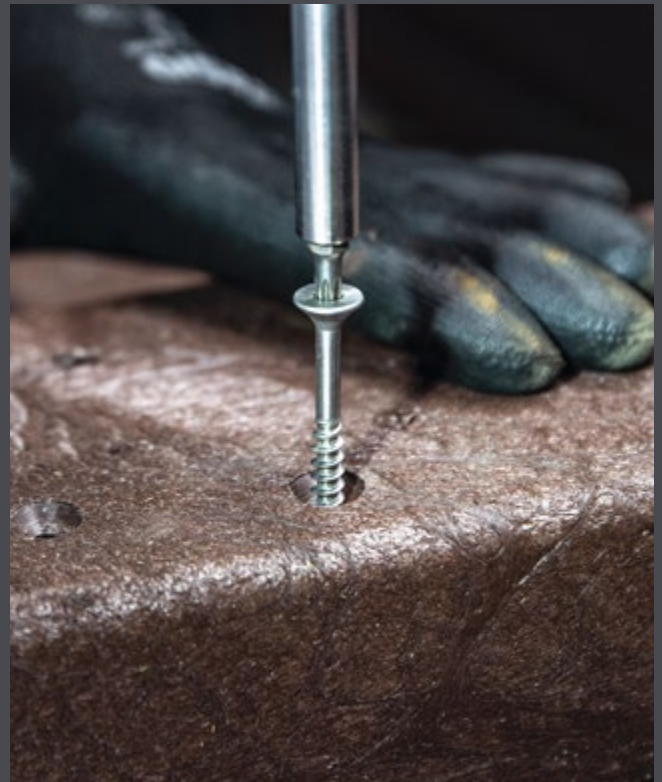
Screwing

If recycled profiles are to be screwed, the profile to be fastened must be pre-drilled (e.g. boards, footpath planks, square profiles). The drill hole must be bigger than the screw, elongated holes are recommended in order to take the temperature-related expansion behaviour of the material into consideration.



Alignment

Solar radiation affects the alignment of the profiles and can, for example, cause fence posts to lean.



Privacy screen

Surface adhesion through tongue and groove system



- Dimensions:
Tongue and groove boards 190 cm long, 3.8 cm thick, 13 cm wide
Posts (W x L x D): 16 x 250 x 12 cm
- Panel length: 200 cm (axis dimension)
- Panel height: 195 cm, 15 tongue and groove boards per panel
- Steel reinforced posts including cover plates

Posts and tongue and groove boards are available in the following colour:



brown

Tongue and groove boards are also available in the following colour:



grey



Pales and posts



- Pale dimensions: 2 x 6 cm to 3 x 10 cm, lengths: from 60 to 150 cm
- Post dimensions: 9 x 9 cm, lengths: from 100 to 200 cm
- No more painting or varnishing
- No splinters, no sharp edges
- Permanently weatherproof



Available in the following colours:



grey



brown

Favourites for the little campers

For a family-friendly campsite

Campsites are a popular destination for families with children. Out in nature, there's plenty of space to play games, run around and rough-and-tumble. It's also a great way to meet other families and spend a lovely time together.

Create playgrounds, sport fields and social areas on your campsite that visitors big and small will love with our hanit products. Child-friendly seating, sand boxes, our mud table system as well as edging solutions for sandy areas and sports fields offer a great foundation for this. All our matching products can be used flexibly, are rot-proof, do not splinter, are non-toxic and do not require maintenance. And most of all, they offer room for imagination to run wild.



Calero children's bench

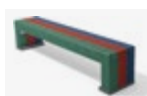


- Dimensions (W × H × D): 150 × 34 × 28 cm
- 3 profiles: 132 × 9 × 9 cm
- Extremely robust and durable with steel reinforcement
- Supplied as a construction kit, including assembly materials
- Optional extras: Ground anchor

Available in the following colours:



grey / blue



green / blue / red



Calero children's table



- Dimensions (W × H × D): 150 × 57 × 47 cm
- 5 profiles: 132 × 9 × 9 cm
- Quick assembly – only three components
- Supplied as a construction kit, including assembly materials
- Optional extras: Ground anchor

Available in the following colours:



grey / blue



green / blue / red



Forio children's picnic bench



Available in the following colours:



brown



grey / green



grey / blue



grey / red



- Dimensions (W × H × D): 150 × 57 × 108 cm
- Seat height: 34 cm, tabletop: 150 × 60 cm, table height: 57 cm
- 2 bench planks: 150 × 19 × 4 cm, 1 tabletop: 150 × 60 × 8 cm
- Optional extras: Ground anchor



Sitting on the backrest!



- Dimensions (W × H × D): 200 × 74 × 72 cm
- Seating surface height: 45 cm, backrest seating height: 81 cm
- 3 bench planks: 200 × 17 × 4 cm, Classic
- 2 bench planks: 200 × 12 × 4 cm, Classic
- For burying, with extended feet
- Backrest intentionally developed as seating

Tremezzo bench for teenagers



Available in the following colours:



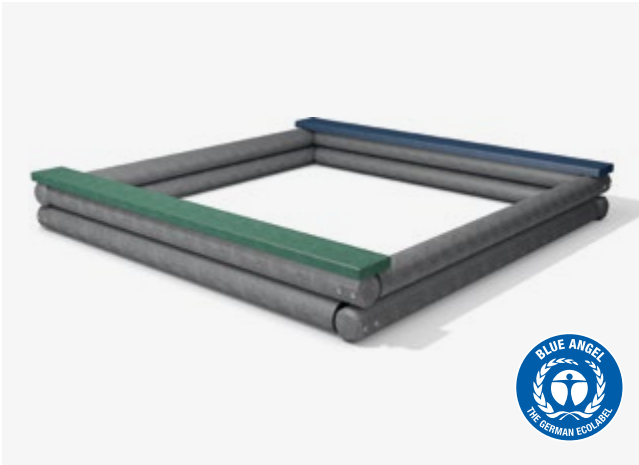
brown



grey / green / blue

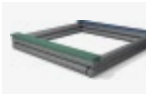


Dahna sand box



- Dimensions: 200 cm square each, height: 28 cm
Seat surface: 17 cm wide
- Easy assembly (pre-installed)
- Permanently stable, even in direct contact with wet sand

Available in the following colour:



grey / blue / green



No need to worry about splinters
or harmful weatherproofing substances

Namib sand box



- Sizes: 200, 300, 400 or 500 cm square each, height: 31 cm
- Wide edge for sitting and playing: 19 cm
- Easy to assemble
- Supplied as a construction kit, without base

Available in the following colour:



brown



Keep having fun with mud

No rot, no repairs with hanit

Kids love playing with mud – but when sand and water are combined with wood, the fun soon grinds to a halt. The wood quickly weathers and splinters. But hanit mud tables made from our unique recycled plastic are much more durable. They are also easy to assemble and can be combined flexibly.



More
mud,
more
fun!

Mud table

- Tub dimensions (W × L × H): 60 × 150 × 11 cm
- Height from 29 cm to 92 cm depending on element (after installation)
- Buried feet
- Flow element: one water outlet, End table: two water outlets
- Weather-resistant and rot-proof
- Supplied as construction kit
- Elements are also available separately

Available in the following colour:



grey / brown



Useful extras

Perfection in the smallest details

The items on a campsite need to be practical and in working order first and foremost. But perfection is in the little details that make camping a smooth experience that can be easily enjoyed. Thus, hanit bollards and profiles help to structure the site. Litter bins keep the park clean and tidy and palisades and posts provide a safe finish on each corner. Planters make for a more friendly space, and they can also be used in a functional way, e.g. as a traffic management tool.



Our quality pledge – perfect on sustainability and product performance

Our hanit recycled products stand for top quality, safety and the responsible handling of natural resources. Instead of primary raw materials such as crude oil, we only use plastic from household and production waste to produce the recycled material. hanit recycled plastic is therefore made from 100% recycled plastic and is also 100% recyclable. That is one of the reasons why our products have been awarded the Blue Angel, the ecolabel of the German government. It certifies that they conform to very high environmental, health and performance standards over their entire service life. hanit recycled plastic is extremely resilient and extremely durable – also an important point in terms of sustainability, which for us starts with the quality of our products.

We ensure the high quality of our products by regular material testing through internal and external quality controls as well as independent certified testing laboratories. Therefore, our material hanit is, for example, certified as non-toxic according to DIN EN 71-3.

Our range of recycled products guarantees maximum safety for the user as well as for the buyer, because we offer a full 20-year warranty on the majority of our products – for an all-round good feeling.



Service Hotline

You can access telephone support
and advice at:

T +49 6543 9886-0

Mon-Fri, 8.00 am – 5.00 pm

Learn more at

www.hanit.de



Also there for you on site at all times ...

We are also available for you on site at any time. Through our comprehensive network of field staff we are happy to help you put your ideas into action and answer your questions. From planning and correct installation to simple and fast project management.

Are you interested in more hanit products?
Feel free to request further brochures!

For example



Kids & Teens



Infrastructure Solutions



Agriculture and animal husbandry

Hahn Kunststoffe GmbH

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www.blauer-engel.de/uz30a

As a certified company, HAHN Kunststoffe GmbH has been entitled to use the "Blue Angel" ecolabel since 2005.

Hahn France S.A.S.

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www.hahnfrance.fr

Hahn Plastics Ltd.

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www.hahnplastics.com

Hahn Plastics (North America) Ltd.

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PRECO SYSTEM S.R.L.

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