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**HAHN**  
KUNSTSTOFFE

[www.hanit.de](http://www.hanit.de)

# hanit® for KIDS & TEENS

Guaranteed quality

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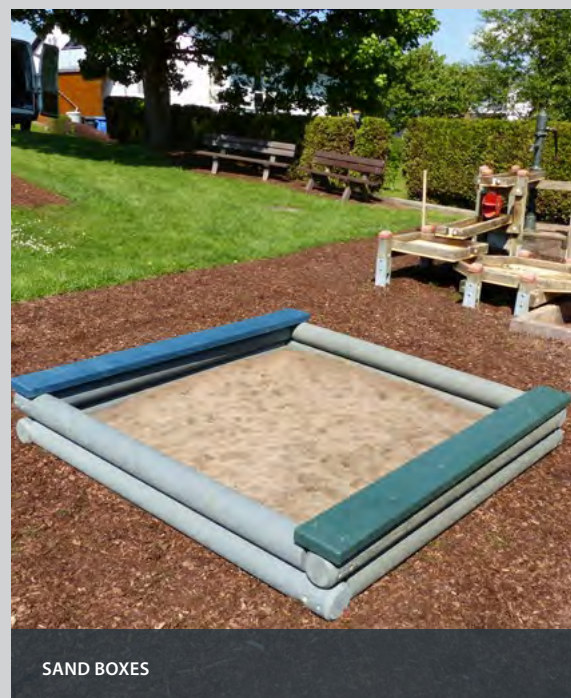
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PALISADES



BENCHES



SAND BOXES

# ACTIVE OUTDOORS, ALL YEAR ROUND

hanit® RECYCLED PLASTIC MADE IN GERMANY

Children like to handle everything, younger ones also put many things in their mouth and the older ones (particularly schoolchildren and teenagers) also break things occasionally. The material requirements for outdoor equipment, playgrounds and outdoor classrooms are therefore particularly high.

Every material has its downside: Wood, for example rots because of rain and cold and time-consuming maintenance is the only solution for this; wood also splinters posing a risk of injury. Whereas the sharp edges of concrete are much too hard for sand boxes and mud tables! Steel rusts whereas stainless steel is too expensive. The eco-balance of new plastic is horrendous.

Then there is hanit®.

No rust, no splinters, no risk - even if you put it in your mouth. hanit® does not contain any dangerous materials which can be released by sweat or spittle, and is harmless in accordance with DIN EN 71-3 (Safety of toys). Also, because it is weatherproof and highly robust, you can even leave it outside during the winter. Toddlers and schoolchildren will be particularly pleased about this.

 ECOLOGICAL	<ul style="list-style-type: none"> <li>» Manufactured without preservatives</li> <li>» Relief for waste sites – sustained environment protection</li> <li>» Fully recyclable</li> </ul>	<ul style="list-style-type: none"> <li>» Awarded the "BLUE ANGEL" environmental label</li> <li>» Does not react with water</li> </ul>
 EASY PROCESSING	<ul style="list-style-type: none"> <li>» Easy to process mechanically (drilling, sawing, screwing, nailing)</li> <li>» Simple on-site adjustments possible</li> </ul>	<ul style="list-style-type: none"> <li>» Basic DIY skills are completely sufficient</li> </ul>
 DURABLE	<ul style="list-style-type: none"> <li>» Resistant to weathering</li> <li>» Weather-proof</li> <li>» Rot-resistant</li> </ul>	<ul style="list-style-type: none"> <li>» Year-round use possible</li> <li>» Moisture-repellent, no water absorption, therefore quick drying</li> </ul>
 ECONOMICAL	<ul style="list-style-type: none"> <li>» Long service life with low maintenance and upkeep costs</li> <li>» Resistant to oils, alkalis, acids and seawater</li> </ul>	<ul style="list-style-type: none"> <li>» Very good price-performance ratio</li> <li>» Ideal construction material, especially for robust profiles and prefabricated parts</li> </ul>
 LIGHTWEIGHT	<ul style="list-style-type: none"> <li>» Only about a third of the weight of concrete</li> <li>» Installation without heavy equipment possible</li> </ul>	<ul style="list-style-type: none"> <li>» Higher load capacity</li> <li>» Saves on transport costs</li> <li>» Faster assembly</li> <li>» Lower workload</li> </ul>
 SAFETY MAINTENANCE	<ul style="list-style-type: none"> <li>» Splinter-proof, so low risk of injury</li> <li>» No upkeep required, maintenance-free</li> </ul>	<ul style="list-style-type: none"> <li>» Contains no harmful substances, according to DIN EN 71-3 (European Standard for the Safety of Toys)</li> </ul>



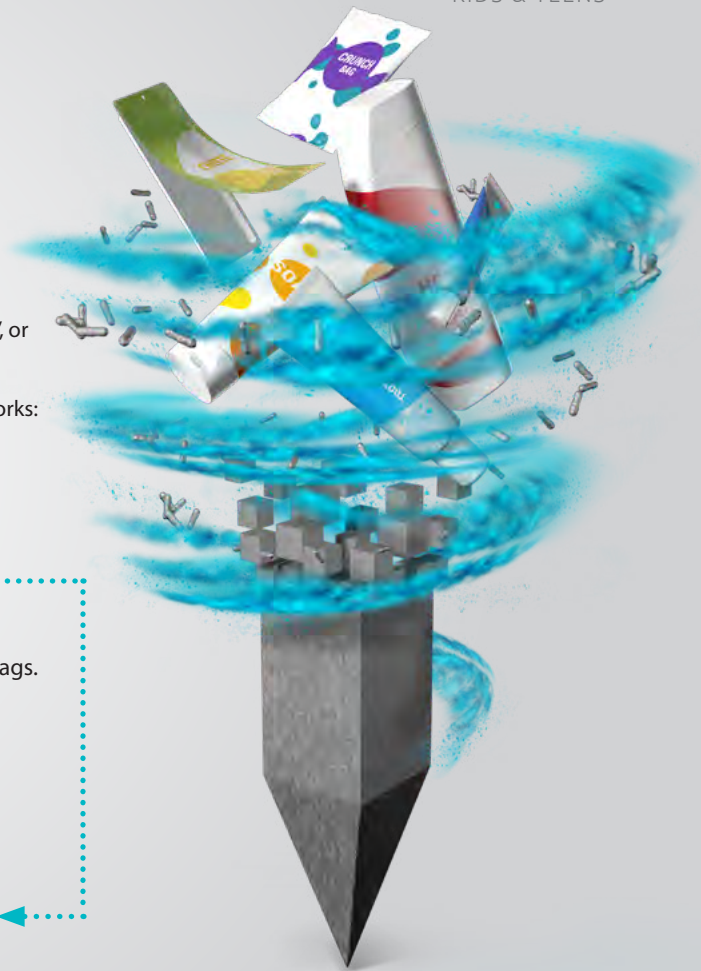




# ON THE SUBJECT OF RECYCLING

Prejudices won't go away: "Everything is eventually incinerated anyway", or "We separate the rubbish, and it all eventually ends up in the same pile".

The fact is: Packaging bearing the green dot is recycled. This is how it works:



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



... or put it into yellow bags.



Here the packaging is separated into raw materials (including white metal and plastics). Unsuitable material is kept separate.



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



The plastic packaging is compacted into bales, and delivered to Hahn Plastics.



We make pellets from the bales which form the basis for our hanit® recycled material.

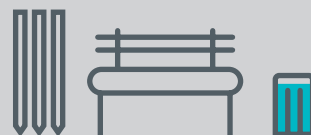


The pellets are melted and injected into moulds. Sometimes we colour the plastic melt.

## THE RECYCLING CYCLE – YOUR CONTRIBUTION

Everyone can make a contribution to effective recycling and protecting the environment. Here are a few tips:

- » Always dispose of packaging in the provided collecting containers.
- » You don't need to rinse plastic tubs. Scraping them out properly is perfectly adequate.
- » Remove the aluminium lids from plastic tubs. This makes sorting easier.
- » Please do not put packaging inside other packaging – this makes it more difficult to separate.



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.



# Carefree play thanks to hanit®

Safe, robust, great for children: Your playground is turned into an all-round completely safe environment.

Splinters, rotten beams, sharp or rusty metal edges – sometimes the danger isn't recognised until it is too late. This is why playgrounds are subject to special safety requirements. The material is extremely important, it must protect the little whirlwinds and boisterous toddlers and also be hard-wearing and weatherproof at the same time.

hanit® fulfils these criteria. On the one hand, this material forms the basis for all of the nice things that constitute a playground: Sand boxes, benches and picnic benches, spiral herb planters and mud tables. On the other hand, the hanit® palisades, round beams and footpath planks give you endless possibilities for playground design – from climbing hills to tunnels and balancing courses. Ideas that you can implement in an efficient and long-lasting way. The kids will love it!







**PALISADES**

Ideal as sand box edging or for supporting hills.

More information on pages 8-12



**FOOTPATH PLANKS**

As a platform or terrace. The ideal companion for gravel-free levels.

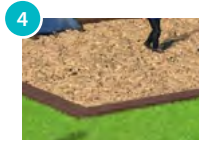
More information from page 13 onwards



**SAND BOXES**

Square, hexagonal, octagonal or with exciting designs. Sand boxes made from hanit® come in many different versions.

More information on pages 14-17



**EDGINGS**

For large sand or play areas: Edgings made from hanit® are easy to lay, last for ever and always easy on the eye.

Just ask us for further information



**CONSTRUCTION MATERIALS**

For building great obstacle courses or climbing areas.

Just ask us for further information



**TABLE, BENCHES & BENCH PLANKS**

For children, teenagers and adults. Seat furniture in different sizes, colours and shapes can put up with a great deal.

More information on pages 22-35



**MUD TABLE**

The mud table made from hanit® invites you to play in the mud, splash around and discover.

More information on pages 18+19



**RAISED BEDS**

Learn with hanit®: Young children can have fun discovering how nature works in our raised beds.

More information on page 20



**SPIRAL HERB PLANTER**

Smells good, tastes good: Harvesting fresh herbs from the spiral herb planter – a highlight for kids.

More information on page 19



**COMPOSTERS**

Understanding the natural cycle. The composter helps to teach children about sustainability at a young age.

Just ask us for further information



**RUBBISH BINS**

Order and tidiness must prevail. Rubbish must always be put into the bin, even at the playground.

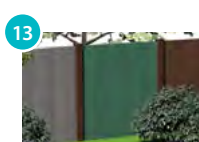
More information on page 29



**FENCES**

Our product range includes fences in different colours and sizes to prevent the little ones from doing a bunk.

More information on page 36



**PRIVACY FENCING**

Keeping away from prying eyes: our durable privacy screens also give you privacy in the Kindergarten.

More information on page 37

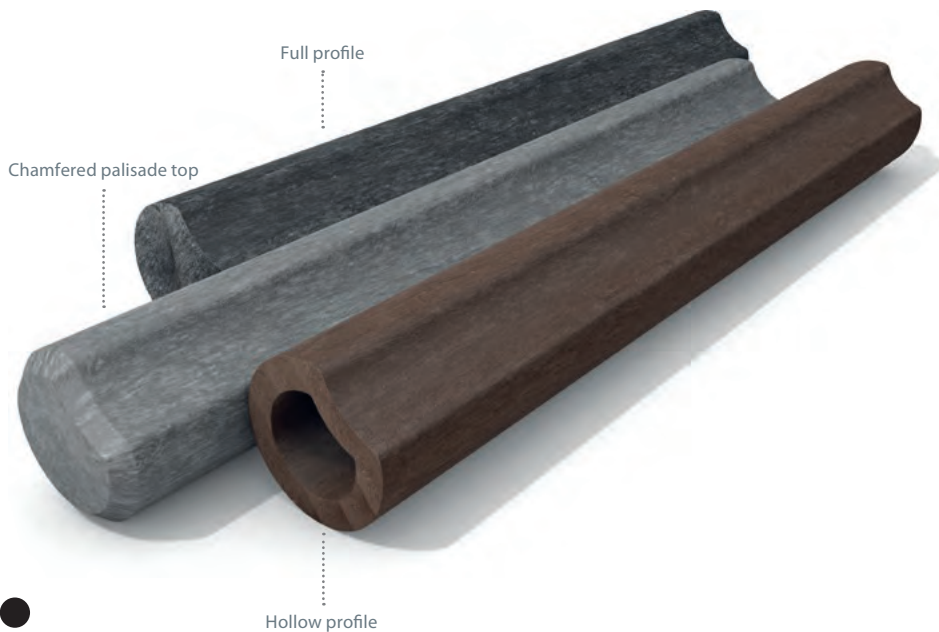


# OGEE PALISADES

## Creative area design

hanit® ogee palisades are ideal for enclosing areas such as playing fields, sand boxes, paths, beds and ponds. They can withstand any weather and do not rot or splinter. They do not require harmful preservatives and are water-neutral and maintenance-free. They are easy to process without heavy equipment.

- » Lengths: 30 cm to 250 cm depending on the diameter
- » Diameter 6.8 cm to 20 cm (colours depend on sizes)
- » Full or hollow profile depending on length
- » More durable than wood, lighter than concrete



**Colours**



OGEE PALISADES AS SAND BOX ENCLOSURE

## DIMENSIONS

Ø (in cm)	Lengths (in cm)													
	30	40	60	80	100	120	140	150	160	175	180	200	225	250
6.8	○ ○	○ ○	● ●											
11.0		○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	● ●	● ●		● ●		● ●			
13.0		○ ○	○ ○	○ ○	○ ○	● ●		● ●			● ●			
16.0		○ ○	○ ○	○ ○	○ ○	● ●		● ●			● ●			
20.0		○ ○	○ ○	○ ○	○ ○	● ●		● ●		● ●		● ●	● ●	● ●

Dimensional (up to 3 %) and colour fluctuations can occur in plastic recycling products.

- Hollow profile
- Full profile



# HARMLESS PLAYING



## INFORMATION



## ADVANTAGES

# HOLLOW PROFILE

The load-bearing capability of our palisades only varies slightly with hollow profiles. On the other hand, hollow profiles have three positive advantages:

- » They are cheaper because less material is used.
- » Less material means less weight, and therefore cheaper transport costs.
- » Less weight makes installation easier.

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





Endless  
ideas







# ROUND PALISADES

## The indestructible all-rounders

Climbing, somersaulting, hiding, regardless of the areas to be designed in playgrounds, schoolyards or leisure systems, hanit® round palisades are the uncomplicated elements which make the difference: low-cost, weather-resistant, long-lasting and without follow-up costs. They provide both a stable full profile or a weight saving hollow profile, depending on the dimensions and the type of application.

- » Lengths: 40 cm to 280 cm depending on the version
- » Diameter: from 10 cm to 20 cm
- » Stable and secure
- » Full or hollow profile depending on length



### DIMENSIONS

Ø (in cm)	Lengths (in cm)										
	40	60	80	100	125	150	175	200	225	250	280
10.0	○●	○●	○●	○●	●●	●●	●●	●●	●●	●●	●●
12.0	○●	○●	○●	○●	●●	●●	●●	●●	●●	●●	●●
15.0	○●	○●	○●	○●	●●	●●	●●	●●	●●	●●	●●
20.0	○●	○●	○●	○●	●●	●●	●●	●●	●●	●●	●●

Dimensional (up to 3 %) and colour fluctuations can occur in plastic recycling products.

○ Hollow profile  
● Full profile



# RECTANGULAR PALISADES

## New geometry, simply smart

Edgings don't have to be boring. This is why there are hanit® palisades with alternative shapes and colours. This visually livens up the outdoor areas of public or private areas. They are also lighter than concrete products. Not only does this make transport cheaper, but also makes installation in inaccessible areas possible without heavy equipment.

- » Lengths: 40 cm to 150 cm depending on the version
- » Profile dimensions: 12 x 16 cm and 16 x 24 cm (colours dependent on size)



### DIMENSIONS

Format (in cm)	Lengths (in cm)					
	40	60	80	100	125	150
12.0 x 16.0	● ● ●	● ● ●	● ● ●	● ● ●		
16.0 x 24.0	● ●	● ●	● ●	● ●	● ●	● ●

Dimensional (up to 3 %) and colour fluctuations can occur in plastic recycling products.



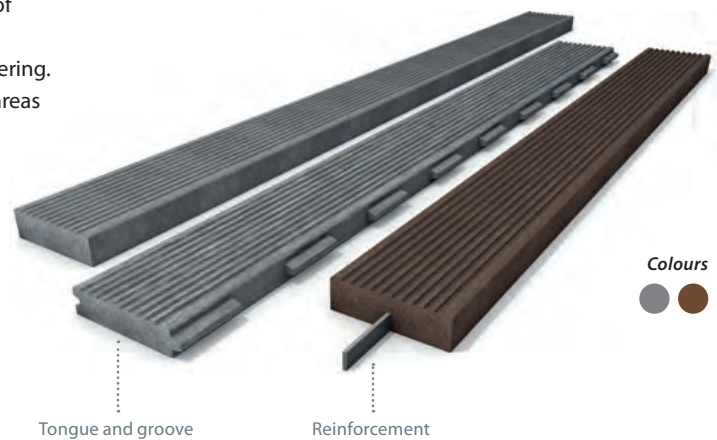


# FOOTPATH PLANKS

## Non-slip surface

Our footpath planks have proven themselves on thousands of occasions when it is a case of making platforms, terraces and paths safer in a simple way by using a moisture-resistant covering. The ribbing on the surface prevents slipping, particularly in areas when it can get damp.

- » Lengths: 100 to 300 cm
- » Different profile sizes
- » Stable and secure
- » Reinforcement option available



## DIMENSIONS

Format (in cm)	Lengths (in cm)					
	100	150	200	250	300	
4.0 x 17.0 (tongue & groove)	● ●	● ●	● ●	● ●	● ●	
4.0 x 19.7	● ●	● ●	● ●	● ●	● ●	
4.8 x 16.5	● ●	● ●	● ●	● ●	● ●	
6.0 x 19.7	● ●	● ●	● ●	● ●	● ●	

Each available with and without internal reinforcement.

Dimensional (up to 3 %) and colour fluctuations can occur in plastic recycling products.

# DAHNA SAND BOX

## Round object with square format

The appearance of the palisades makes the Dahna look like it belongs in a forest playground. However, this sand box with seating does not only impress with its natural design appeal. Kids will like the simplified design and bright colours right away.

- » Size: 200 cm square
- » Height: 28 cm
- » Seat surface: 17 cm wide
- » Easy assembly (pre-installed)



Colour



# SAHARA SAND BOX

## Coloured objects for the brightly coloured world of children

The "Sahara" sand box is available in two sizes and four colour combinations. As far as the material is concerned, we consistently use hanit® – the alternative to wood, concrete and steel! Simply because there are so many advantages: weather resistant, no rotting and no splintering, low-maintenance, UV-resistant and robust. Just the ticket for exuberant children.

- » Size: each 200 and 300 cm square
- » Height: 27 cm
- » Four colour variations
- » Seat surface: 19 cm wide



Colours







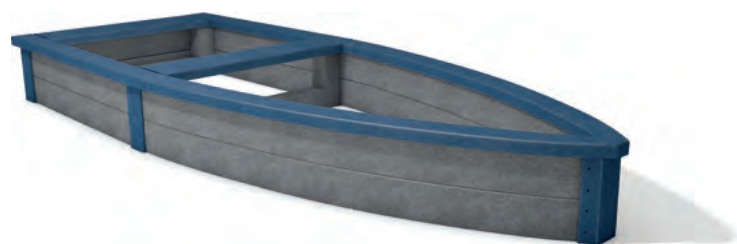
**PLAYING**  
IN THE SAND

## LUT SAND BOX

### Distinctive boat shape

The special sand box – the “Lut” model presents itself in the shape of a boat. Supplied fully assembled. This special sand box is guaranteed to be an eyecatcher at the playground. The dimensions and the additional seat bench in the middle of the stern turn the “Lut” into a paradise for toddlers.

- » Length x width: 285 x 105 cm
- » Height: 30 cm
- » Four colour variations
- » Supplied fully assembled



Colours







## NAMIB SAND BOX

### Square, practical – simply good

The "Namib" model is a classic sand box: square, with a solid base, a wide seating edge and in four sizes. The children feel at ease here and find precisely the amount of space that they need for good development. Parents and teachers don't need to worry about splinters or harmful preservatives.

- » Sizes: each 200, 300, 200 and 500 cm square
- » Height: 31 cm
- » Seat surface: 19 cm wide
- » Supplied as construction kit



Colour





# MOJAVE SAND BOX

## Eight corners in three sizes

The thing that makes the "Mojave" model different is its octagonal shape, which opens up new playground design options in conjunction with the three size versions. The low edges do not represent much of a hurdle for the children. You can make the sand box the focal point and jewel in the crown of your playground.

- » Diameter: 240, 300 and 400 cm
- » Height: 21 cm
- » Seat surface: 15.5 cm wide
- » Supplied as construction kit



Colour



# GOBI SAND BOX

## Very small, or very big



Colour



The Gobi sand box is available in small and large versions. The small version will fit on a balcony, and the big version is suitable for any playground. Pick your size, and the Gobi will take care of the rest.

- » Sizes: each 120 and 240 cm square
- » Height: 31 cm
- » Seat surface: 14 cm wide
- » Easy to assemble

# KALAHARI SAND BOX

## Playing fun in every corner

The hexagonal Kalahari sand box also comes in two sizes. Both sizes have wide edging which provides plenty of room for sitting on. Every young trailblazer can find a spot for digging and building.

- » Diameter: 175 cm and 240 cm
- » Height: 30 cm
- » Seat surface: 14 cm wide
- » Supplied as construction kit



Colour



# MUD TABLE

## The safe playing enjoyment

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. On the other hand, the hanit® mud tables made from the unique recycled material are much more durable. They are also easy to assemble and can be combined in a flexible way.

- » Elements are individually available
- » With matching pump platform and pump
- » Few individual parts
- » No preservatives
- » Permanent playing fun



MUD TABLE



Colour







PLAYING  
WITH MUD  
**WITH A  
SYSTEM**

## SPIRAL HERB PLANTERS

### Learning at an early age...

Children will learn about gardening from an early age with this. The construction kit consisting of ogee palisades forms a spiral in which the herbs grow until they are ready for picking by the children. The structure is soon assembled, is easy to look after and can be re-planted depending on the season. And of course, it is weatherproof, free of pollutants and extremely robust, like all hanit® products.

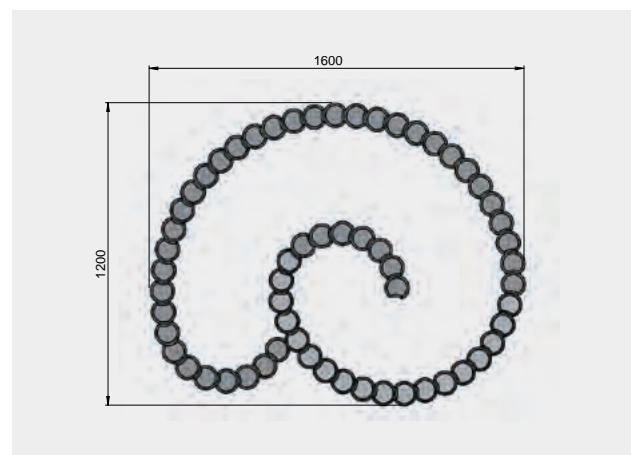
- » Easy to look after
- » Clever design, as construction kit with template
- » Weather-resistant, maintenance free



Colours



### DIMENSIONS







# TERRA RAISED BED

Look what's sprouting here!

Who needs a garden to do some gardening? With this raised bed in two moderate heights (63 and 83 cm), even little rascals can develop green fingers. Success is guaranteed, since the planting is child's play. Assembly is also easy. This solid, pollutant-free raised bed consists of a few parts which can be assembled in a jiffy.

- » Dimensions (LxWxH): 190 x 90 x 63 cm
- » Child-friendly height
- » Consists of just 7 components



Colours



## SCHEMATIC FILLING DIAGRAM







## PROJECTS FOR **INSPIRATION**

### ENCOURAGING MORE FANTASY

Posts, palisades, profiles, planks, boards – the basic elements may not be exactly spectacular, but they can be used to construct some exciting playthings. hanit®, the weatherproof universal material, opens up possibilities which are simply unlimited. From a barefoot path to a water park.





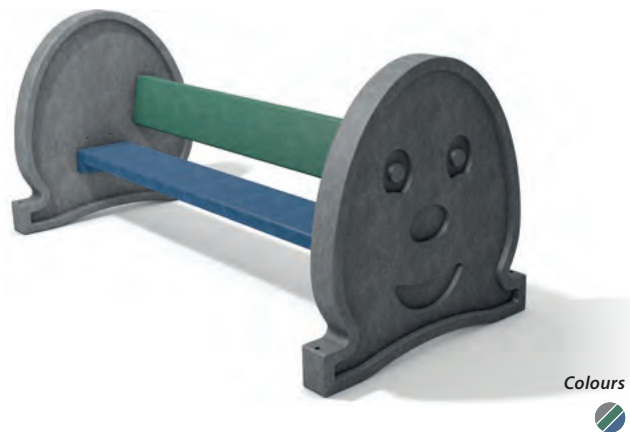


# PIPPOLINO CHILDREN'S BENCH

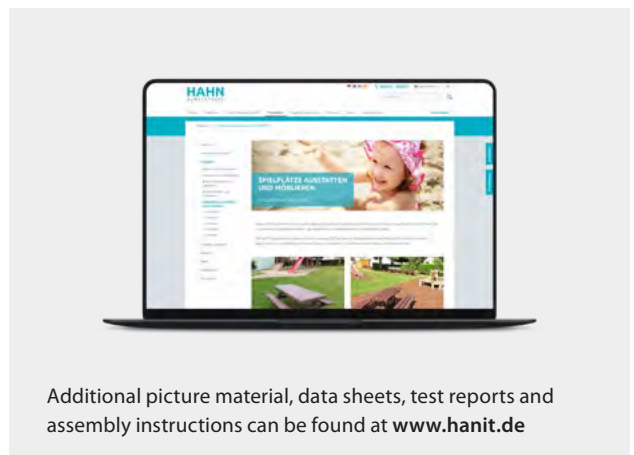
## The happy play bench

You can sit on this bench, of course – but how many children want to do that? It's much more fun to draw on it; after all, "Pippolino" even has a face to draw on (and the chalk can easily be washed off). And when the toddlers get to "wobbly tooth age", the play bench is still there for them. They grow up together, because the height of the bench can be adjusted.

- » Dimensions (WxDxH): 150 x 68 x 70 cm
- » Seat height: optionally 25 or 34 cm
- » Safe thanks to rounded edges
- » The bench as a plaything for colouring



### NOTE







# FORIO CHILDREN'S PICNIC BENCH

## A picnic bench made for children

If you ask children to draw a bench/table combination, more often than not it will look like our "Forio" set. The table and bench form a fixed unit, and the combination can be used for more than just sitting on: A blanket turns it into a cave or a tent. The different colour combinations also stimulate the imagination.

- » Dimensions (WxDxH): 150 x 108 x 57 cm
- » 1 table top: 150 x 60 x 8 cm
- » 2 bench planks: 150 x 19 x 4 cm
- » Seat height: 34 cm, Table height: 57 cm



## THE OPTIMUM ADDITION



# CANETTI CHILDREN'S SET

## Sitting pleasure for children

The Canetti children's set has been specially developed for the needs of children. The seat height of 34 cm and the wide supporting legs make the benches extremely stable. The solid table top leaves nothing to be desired, regardless of whether they are drawing, tinkering or building. The relatively light weight makes the set transportable and increases the usage value.

- » Set-up area (WxDxH): 150 x 160 x 57 cm
- » Seat height: 34 cm
- » Table height: 57 cm



### Colours



CANETTI CHILDREN'S SET

## SET COMPONENTS



CANETTI CHILDREN'S BENCH WITH BACKREST



CANETTI CHILDREN'S TABLE WITH SOLID TABLE TOP



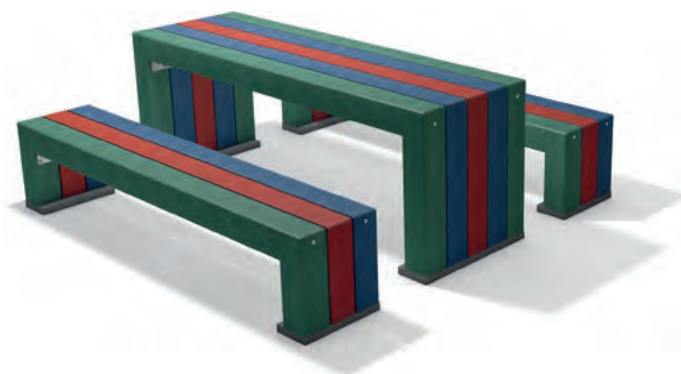


## CALERO CHILDREN'S SET

Lively, trendy and colourful

An eye-catcher at any playground. The cheeky design of this set puts you in a good mood as soon as you look at it – it's fun to sit down here. And because of the amount of rough and tumble that goes on, we have rounded the edges. This is why Calero is impressive in every respect.

- » Set-up area (WxDxH): 150 x 135 x 57 cm
- » Seat height: 34 cm
- » Table height: 57 cm



Colours





RELAXATION  
FOR  
**COOL  
KIDS**







## COLLODI SKATER BENCH

### Sitting and chilling

Practising the latest grabs and flips in the skate park and then watching the others perform. The best place to do this from is our "Collodi" bench. It has been specially designed for skaters who are taking a break. For leaning on, sitting on and dangling your feet from.

- » Width: 200 cm
- » For digging in (with extended feet)
- » Seat dimensions: 200 x 27,5 x 6,5/5,5 cm
- » Seat height: 78 cm



## TREMEZZO BENCH FOR TEENAGERS

### Sitting on the backrest

Sitting "normally" on park benches isn't cool – at least, not for teenagers. What could be more natural than to design a bench especially for young people. A bench on which it's fun to sit on the backrest, and is also really comfortable. The right place for this is next to the basketball court or soccer pitch in the city park.

- » Width: 200 cm
- » For digging in (with extended feet)
- » Seat height: 45 cm / sitting height on backrest: 83 cm



Colours





# PICCADILLY BENCH



Colour



## Classic and elegant

The “Piccadilly” model with the traditional/solid look is available in different colours and there is both a 200 cm version and a 150 cm version. The sub-structure has been kept in a neutral grey, which allows the bench to blend into a wide range of surroundings. A single-colour brown version is also available.

- » Widths: 150 cm and 200 cm
- » Seat height: 45 cm
- » Wide range of colours (depending on sizes)



# TARLO SENIOR BENCH

## At the playground with grandma and grandpa

Having to stand all the time? It's hard work. When grandparents go to the playground with their grandkids, they also like to spend some time there and take it easy. The “Tarlo” bench is perfect for this. It is ergonomically tailored to the needs of seniors.

- » Width: 160 cm
- » Increased seat height: 52 cm
- » Integrated armrest
- » Easy to assemble



Colour





# AVETO SUN LOUNGER

## Taking a relaxed view...

Simply lean back and switch off altogether. You can do this at the playground, next to a hiking trail or next to a lake. You can enjoy some wellness in your everyday life with the "Aveto" and keep an eye on the little ones at all times thanks to the practical lounger position.

- » Dimensions: 150 x 165 x 119 cm
- » Sun lounger foot made from hanit®
- » Supplied as construction kit



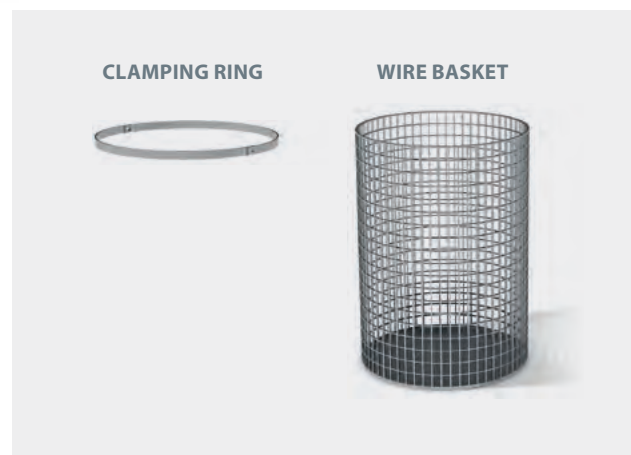
# SCORI WASTE BIN



## Waste collection with a system

The "Scori" is the basic basket of an entire waste disposal system. The round container made from hanit® can be positioned in different frames, there is a suitable wire basket for it and a clamping ring for the relevant waste bags.

- » Volume: approx. 55 litres, diameter: 37 cm
- » Height: 50 cm
- » Can be extended in many different ways







## TIVOLI SET

### The ideal picnic bench for all needs

The Tivoli bench set is available in four different colours: in brown, green, blue and red with grey base elements. Surely the right combination can be found for any environment! This is made easier by the neutral, stylish and snappy design.

- » Set-up area (WxDxH): 150/200 x 205 x 80 cm
- » Widths: 150 cm and 200 cm
- » Seat height: 45 cm
- » Table height: 75 cm
- » Wide range of colours – freely combinable



Colours



### OPTIONAL ACCESSORIES

#### FLOOR ANCHOR



For digging or concreting in for benches or tables





## CALERO SET

### The modern picnic bench

The clear, cubic shape predestines this picnic bench for young, modern environments such as schoolyards, but also for private gardens. The three colour schemes allow tables and benches to blend in with different scenarios.

- » Set-up area (WxDxH): 150 x 180 x 75 cm
- » Seat height: 45 cm
- » Table height: 75 cm
- » Clear design language
- » Cubism, hanit® style



### ALSO AVAILABLE







# SERENGETI PICNIC BENCH

## The versatile picnic bench

The emphasis is on togetherness with the "Serengeti" picnic bench. This table and bench combination is the perfect sitting opportunity when children and teenagers get together outdoors.

- » Dimensions (WxDxH): 180/200/240 x 174 x 76 cm
- » Seat height: 46 cm
- » Table height: 76 cm
- » Wide range of colours (depending on sizes)
- » Version with table extension available



## ALSO AVAILABLE







## STELVIO PICNIC BENCH

The lightweight picnic bench with the metal frame

The table and bench set doesn't need a rustic beam look. It impresses with a finely rounded metal structure which supports the table and bench planks. Arranged in such a way, this picnic bench is also suitable for outdoor classrooms and modern architecture.

- » Dimensions (WxDxH): 252 x 250 x 75 cm
- » Seat height: 45 cm
- » Table height: 75 cm, table surface: 150 x 150 cm
- » Substructure made from galvanised steel







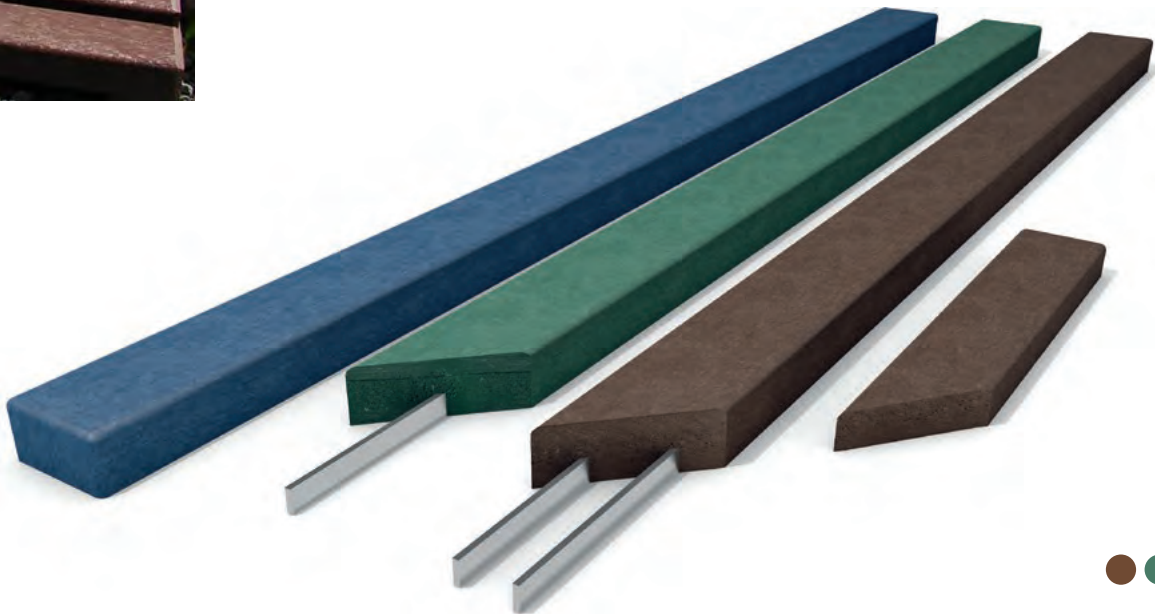


# BENCH PLANKS

## For 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.

- » With or without reinforcement
- » Diameter: from 40 cm to 240 cm
- » Widths: from 5.5 cm to 19 cm
- » Thickness: from 4 cm to 6 cm
- » For creative seating



Colours



### ALSO AVAILABLE

#### BACKBOARD WITH SINGLE REINFORCEMENT



#### SEAT BOARD, WITH DOUBLE REINFORCEMENT





# FENCES

## Protection for youngsters

Kids want to conquer the world. However, in their own interest it is better to put one or two restrictions on their compulsion for discovery. Our fence elements and flexibly deployable fence panels and posts with their child-proof rounded tops provide the protection that the boisterous pioneers need. And they are also splinter-free.

- » No more painting or varnishing
- » No sharp edges, no splinters
- » Permanently weatherproof, no harmful preservatives
- » Assembly is child's play

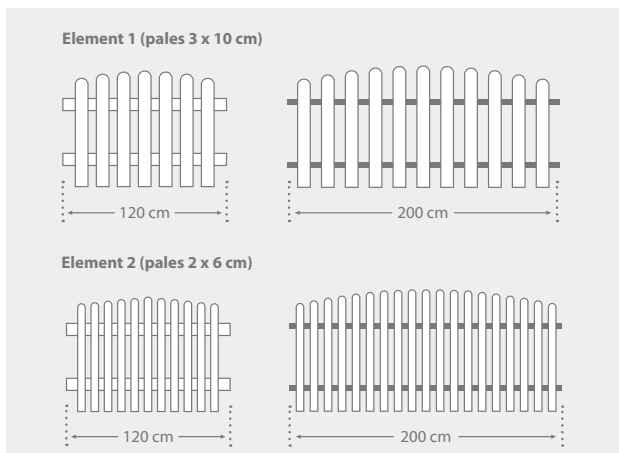


### Colours



FENCE SYSTEM

## VERSIONS





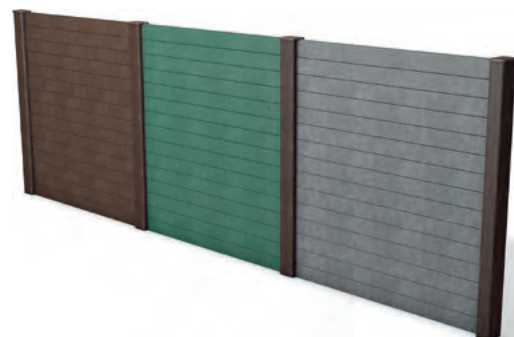


# PRIVACY WALL

## Wide range of combinations

The backbone of our privacy system consists of reinforced plastic posts which are designed as field, corner or end posts and fitted with a post cap. Tongue and groove panels are inserted into these stable, pre-milled supports. The bottom panel is stabilised and guided using a centre support. This makes it possible to construct extremely variable privacy sections with the customary advantages of hanit® in a simple way.

- » Panel length: 200 cm (axis dimension)
- » Panel height: 195 cm (15 x tongue and groove panels)
- » Perfect system with field, corner and end posts



Colours



## INFORMATION

### PROFILES

Field post

Corner post

End post

Centre support



Field, corner and end posts are supplied with post caps.





## CLASSROOM **OUTDOORS**

### SIMPLY OUT

Be it a theatre production or teaching – school is much more fun outside.  
And weatherproof furniture lasts for longer than a typical school bench.





## hanit® recycled products

**HANDLING TIPS**

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:

- » Machining the profiles generally causes greater tool wear. Therefore, we recommend using carbide-tipped tools.
- » Recycled products have a sealed surface. The core has a partially grid-like structure that becomes visible during machining. These are material-related properties and should be expected.
- » Some hanit® products are provided with additional metal reinforcement. You can recognise these by the product note “with reinforcement” or “reinforced”. With these products cuts (length/width) should be avoided.
- » Any shavings produced during machining should be collected using appropriate suction systems or devices so that they can subsequently be recycled.

## TIPS FOR HANDLING RECYCLED PROFILES



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.



Due to their specific characteristics, recycled profiles can only be painted to a limited extent. Good results have been achieved using permanently elastic synthetic paints (all-weather paints) in conjunction with a roughened surface and primer. However, spalling is likely to occur on edges and borders. Permanent colour retention cannot be guaranteed.



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.



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.



If the profiles are to be hammered into the ground, we recommend using a pile driver or edge protector to avoid damage to the product.



Boards, sleepers and square profiles must not be press-fitted. The profiles may have temperature-related length fluctuations of +/- 1.5%. An expansion gap must therefore be maintained during installation.



Solar radiation affects the alignment of the profiles and can, for example, cause fence posts to lean. To avoid warping due to solar radiation, the profiles should be stored in direct sunlight.



For many products and applications we have static verifications, installation recommendations and assembly instructions. For more information visit our website at: [www.hanit.de](http://www.hanit.de)



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