



## hanit® Recycled Products

### For Long-term Playing Pleasure

Children enjoy playing outdoors. It is important that their outdoor play areas are safe and durable. The recycled products made by Hahn Kunststoffe GmbH are environmentally friendly, resilient to contact with water and moist soil and suitable for year-round use. Little ones can enjoy their carefree play for a long time.





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Located at the Hahn airport in Hunsrück, HAHN KUNSTSTOFFE GMBH has been an active materials processor and recycler since 1993. The Hahn Group is international, with a production and distribution facility at HAHN PLASTICS Ltd in Manchester (England) and a sales office at HAHN FRANCE in Metz (France).

Using the brand name **hanit®** we produce and market an extensive product range of profiles, finished parts and systems. **hanit®** products are comprised of secondary plastics, primarily composed of polyolefin mixtures (LDPE, HDPE, PP). These materials are plastic packaging from household and industrial collections supplied to the recycling process.

The use of recycled products protects the environment and conserves natural resources.

HAHN KUNSTSTOFFE GMBH is a market leader in the manufacture of products made of recycled plastics.



### HAHN KUNSTSTOFFE GMBH at a Glance:

<b>Trademark</b>	<b>hanit®</b>
<b>Employees</b>	230 employees
<b>Business site</b>	75,000 m², of these 10,000 m² production halls and administration buildings
<b>Product range</b>	More than 1,000 products
<b>Capacity</b>	Preparation, recycling and marketing with an annual capacity of 25,000 tons of <b>hanit®</b> products
<b>Services</b>	Customer and market-driven product offering qualified consultation and customer support with short delivery times
<b>Technology</b>	Handling of processed plastics to agglomerates or pellets; finished-part production with extrusion, intrusion, press and injection moulding processes
<b>Know-how</b>	Products and processes protected by patent research, development and design
<b>Quality</b>	Regular German Inspection Agencies (TÜV) certification, internal and external quality controls



### What is hanit®?

hanit® is finished parts, systems and profiles made of secondary plastics.

We offer an extensive product range for the design of kindergartens, nurseries and playgrounds:

- Palisades for shaping playing surfaces
- Benches for children and adults
- Sandboxes
- Mud tables
- Raised beds at child height
- Protection wall for play tunnels
- Balance beams
- Sandbox borders
- Grooved planks for platforms, playing surfaces, etc.

hanit® products surpass the quality of conventional materials such as wood, concrete, steel and new plastics when considering economic and ecological aspects and have been distinguished with the environmental seal “The Blue Angel”.

### Benefits:

- Rot-proof and splinter-free – low risk of injury
- Free of damaging impregnations
- Low-maintenance
- Simple handling and installation – no need for heavy equipment
- Raw materials tested according to DIN EN 71 Part 3
- Weather-resistant and compatible with harsh conditions
- UV-stable
- Relieves burden on landfill sites



We are certain that the quality and benefits of hanit® products will reassure you. This is supported by our 15-year guarantee\*.

Have we roused your interest? Read our brochure and get inspired!

**Talk with us – no matter what your needs, we can find a suitable solution for your requirements. We will gladly offer you our individual and personal advice.**

For more information please visit our website at [www.hahnkunststoffe.de](http://www.hahnkunststoffe.de)



\* Guarantee conditions at [www.hahnkunststoffe.de](http://www.hahnkunststoffe.de)



**hanit®** palisades are available as round and square palisades. Both can be delivered in grey or brown. The large selection of diameters and lengths makes highly diverse applications possible. **hanit®** palisades are easier to install than concrete or stone and do not splinter in like wood. Popular applications include sandbox borders, stair construction and the securing of play equipment.

### Create Sandboxes According to your own Ideas!

A curved installation is easily possible using round or interlocking palisades. Gradations and height differences are possible without difficulty. The creative possibilities are almost limitless.





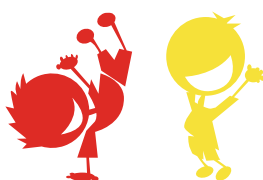
It doesn't always have to be Wood ...



We not only supply palisades. We also offer an extensive collection of finished sandboxes. Square, rectangular, hexagonal or octagonal shapes and sizes from 2 m<sup>2</sup> up to 25 m<sup>2</sup> offer the space required or adapt to the available space.

Colourful designs bring colour into play. Naturally, no impregnations are used. **hanit®** recycled products are weather-resistant and durable.

The pre-assembled delivery simplifies the assembly on location.



**Do you require another shape, size or height?**  
**Give us a call; we will gladly discuss the possibilities available!**



# hanit® Beam and Curb Stone Profiles

Rapidly and Easily Installed!

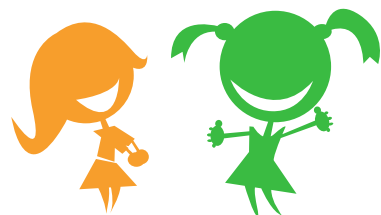
Our product range of beams, curb stones, sleepers and L-stones offer even more possibilities. With these diverse profiles, configuration opportunities have no limits.

Whether installed horizontally or vertically, used as delineations, borders, steps and rests, or for enclosing seating and playing areas – **hanit®** beams and curb stone profiles are attractive everywhere.



## A Great Advantage:

**hanit®** products are much lighter than comparable concrete products. As a general rule, large-volume profiles can be installed without using expensive machines.





## hanit® Mud Tables

### Long-term Playing Pleasure!



#### Enjoyable Play with Mud Tables made of hanit®

Children want to play! Naturally, they delight in using water and mud. The newly developed **hanit®** mud table unites these pleasures. We offer a complete system of various building blocks. From pump platform to a variety of flow elements to the end table – combinable in many ways and also in colours.



The advantages of using recycled profiles are obvious. Wooden elements are subject to rapid deterioration when continually exposed to water and sand. **hanit®** products are not the least bit bothered.



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## hanit® Raised Beds

### Understand Nature by Playing!



#### Learning Becomes Child's Play

Assume responsibility, free play, learn to understand nature. We manufacture raised beds at a child-suitable height which allows for all these activities. Children can be shown how plants grow, vegetables thrive, and fruits mature. Because of large demand, we have developed a system consisting of only a few profiles which can be rapidly and simply assembled. Naturally the **hanit®** system also offers individual profiles, allowing you to build your own individual raised bed.

# hanit® Benches and Seating

## Accommodating for Large and Small!

### For Small...

Resting, sitting, playing, eating, doing crafts and painting – our seating range was conceived for many applications and is extremely popular. In response to demand, we have expanded our range with the new picnic table “AGK 150”.

Few individual parts make assembly very easy. The closed seat surface ensures comfortable seating. The large closed table offers an outstanding playing surface. The “AGK 150” bench is available in brown or in a combination of grey frame with green and/or blue supports.



We offer additional designs which are available as individual benches or tables. Once again, these products are all made of weather-resistant and splinter-proof materials and they are low-maintenance which guarantees a long service life.





## hanit® Benches and Seating

Accommodating for Large and Small!



### ...and Large

We have also thought about the adults. Whether complete furniture sets or individual benches with or without back rests, large or somewhat smaller versions, monochrome or colourful alternatives, with more than 50 models available. We have something to suit every need and every budget.



### Good to Know:

**hanit®** recycled benches are winterised. They do not need to be dismantled and stored. They do not absorb moisture. They dry rapidly after a rain shower and can be used again immediately.



Do you have a bench or a table with rotten wood planks?  
We offer individual planks for repairing existing seating.



## hanit® Fence Systems

An all-round success!

No painting and lacquering, no chipped colour or rotted, splintered fence posts. Low-effort and easy maintenance characterise **hanit®** fencing. The rounded tops minimise sharp edges and injuries.

**hanit®** fences are not only useful for marking property boundaries. They are also used within enclosures; for instance, to make playground equipment inaccessible to the smallest children.

Apart from complete fencing, we also offer individual profiles to replace wooden boards. Fencing is available in grey, brown and green. The textured surface provides a wood-like appearance.





## hanit® Footpath planks

Quick Drying and Slip Resistant!

The **hanit®** footpath planks offer a secure standing position. With the slip resistant grooved surface and rapid-drying material, they are ideal for outdoor use. Typical applications at kindergartens and playgrounds are platforms, slide approaches, seating niches, cleanliness zones in front of entrance areas and the construction of small paths and transitions. For substructures, we offer a variety of board and square profiles. Resistant to moisture, they are also first choice substructures, even if you decide on another covering.



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## hanit® Balance Beam

Equilibrium Training!



New to our product range are the **hanit®** balance beams made of recycled plastics. The sense of balance can be trained by playing. Available in various length and colours, an attractive course can be built quickly and economically.



The **hanit®** product range offers many additional possibilities for use:

- Planters
- Noise and view protection walls
- Waste Bins
- Ground Reinforcement for storage and parking areas
- Barriers and Bollards

If you have any other ideas for using recycled products or have questions concerning suitability, please do not hesitate to contact us.

We would be pleased to provide additional information and consultation.



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