

hanit® Recycled Products For Gardening and Landscaping

HAHN KUNSTSTOFFE GMBH has an extensive product range for professional gardening and landscaping as well as for ambitious hobby gardeners. Our recycled products made of **hanit®** material are environmentally friendly, easy to install, resistant to contact with water and moist soil, and suitable for year-round use.





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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:

Trademark	hanit®
Employees	250 employees
Business site	105,000 m ² , of these 11,000 m ² production halls and administration buildings
Product range	More than 2,000 products
Capacity	Preparation, recycling and marketing with an annual capacity of 35,000 tons of hanit® products
Services	Customer and market-driven product offering qualified consultation and customer support with short delivery times
Technology	Handling of processed plastics to agglomerates or pellets; finished-part production with extrusion, intrusion, press and injection moulding processes
Know-how	Products and processes protected by patent research, development and design
Quality	Regular German Inspection Agencies (TÜV) certification, internal and external quality controls

What is hanit®?

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

In particular we have introduced an extensive product range for garden design:

- Round, rectangular and composite palisades
- Beams, curb stones, boards, posts
- L-stones
- Composters, Raised Beds
- Planters
- Garden Benches
- Decking / Footpath Planks
- Ground Reinforcement
- Sandboxes

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 physical hazard
- Free of damaging impregnations
- Low-maintenance
- Simple processing and installation – no need for heavy equipment
- Raw materials tested according to DIN EN 71 Part 3
- Weather-resistant and winterised
- UV-stable
- Relieves burden on landfill sites



We are certain that the quality and benefits of hanit® products will assure you. This is supported by our 20-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. We will gladly offer you our individual and personal advice.

For more information please visit our website at www.hahnkunststoffe.de



* Guarantee conditions t www.hahnkunststoffe.de

hanit® Recycled Palisades

Unlimited P or Use!



hanit® palisades are offered as round, rectangular and composite palisades. The possibilities for use in the garden are endless:

- Enclosures of beds and plant areas
- Edging of paths, access drives and stairways
- Pond construction
- Property delineation
- Garden modelling
- Design of terraces and seating areas

Round, rectangular or interlocking palisades offer diverse creative possibilities. They can be installed in straight lines or in curves. Graduations and height changes are possible without difficulty. With diameters of 6.0 to 20.0 cm, we have a suitable palisade for every application.



hanit® Recycled Palisades

Install

asy!

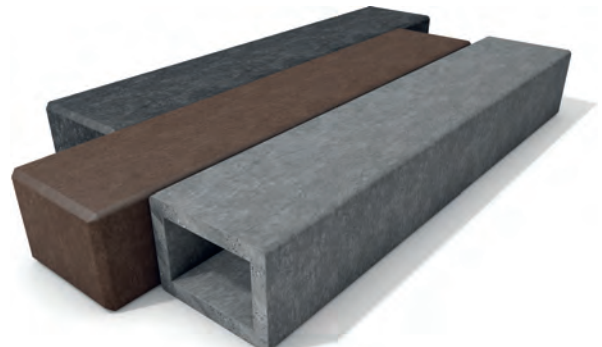


Because of their low weight (about a third the weight of concrete), **hanit®** palisades can also be installed without the use of heavy equipment, which is a particular advantage for grounds with difficult accessibility.

There is no need to use heavy, cost-intensive machinery, which also spares strain and disturbance of already finished and landscaped grounds.

A dual savings benefit in one act! The low weight allows a larger load quantity in each delivery or the same quantities will incur lower freight charges.

The weight advantage is even further optimised, as several sizes are already available as hollow profiles. They are lighter and even easier to handle!



hanit® Raised Beds

For an Easier Harvest!



Heavy garden and planting work is made easier with the new **hanit®** raised bed system. Plants can be raised to an agreeable working height, making uncomfortable stooping unnecessary. Uncomfortable stooping is unnecessary. The raised beds are naturally free of impregnation and are resistant to moisture.

Raised Beds for Generation

hanit® raised beds not only have a long life, they also connect generations. For this purpose, we offer a 60-cm model suitable for children, who can then do their own garden work and get acquainted with nature.

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hanit® Composter

Ready for Opera

Blink of an Eye!



From the raised bed to the composter and back again – garden rubbish and green cuttings are valuable raw materials and ensure a rich harvest in the following season. A prerequisite for creating new compost is a suitable composter. Timber products rot, steel parts rust. The **hanit®** solution is maintenance-free and rot-resistant. The plug-in system enables complete assembly or disassembly without tools in less than 15 minutes.

Seating areas, pavilions, summerhouses, paths, grilling sites, etc., areas for relaxation, recreation or gatherings – such places all require secure flooring. We can supply the right product with the hanit® grooved footpath planks or decking. Easily workable, ensuring that the material is adaptable to existing local conditions. The anti-slip grooved structure (anti-slip class R10) ensures secure footing. Decking is available in varying thicknesses, suitable to any application. The partly structured and textured surface has a wood-like effect.





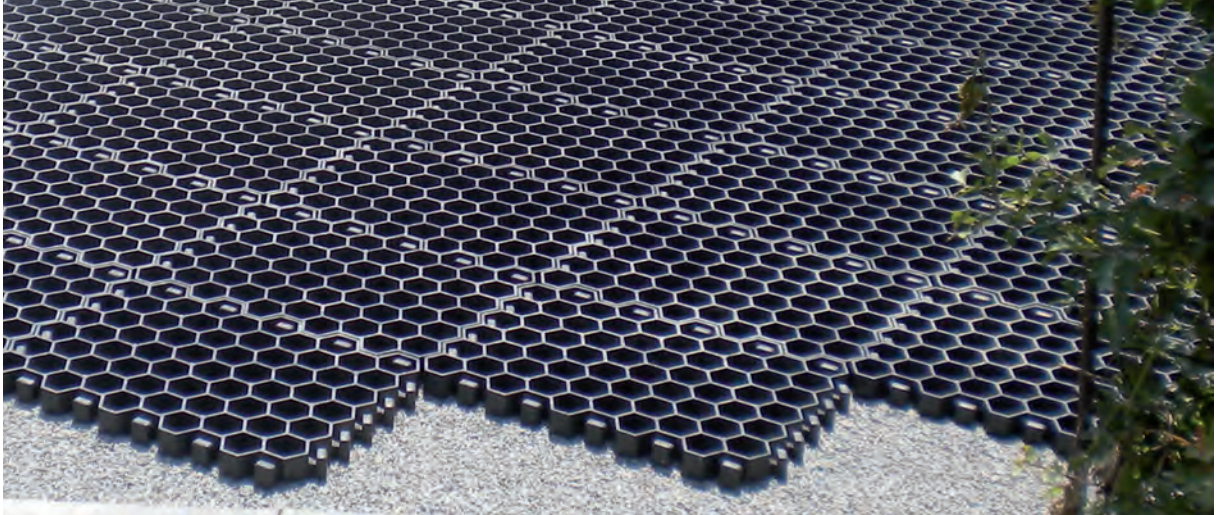
Every floor cover is only as good as its foundation or sub- construction. The service life of traditional materials is compromised when in direct contact with soil and in a moist environment. The following pattern frequently occurs: The superstructure is still in order, but the rotten substructure must be replaced. This is where hanit® profiles can fully play out their advantages. Weather- resistance, moisture resistance and no capillary effect ensure the decisive extension of the flooring's useful life. Installation on wet substrate or sheet roofing is also not a problem.

Diverse Selection

Depending on the project, different construction heights might be required. The availability of different sizes offers the right profile for almost every application



Our "Substructures" brochure, which we would be happy to send you, provides information regarding the correct installation of the profiles. It can also be easily downloaded from the Download Centre of our website at www.hahnkunststoffe.de.



You can easily cover areas rapidly and cost effectively with **hanit®** Paddock Slabs or Eco-Slabs (hexagon composite board). Both systems are suitable for temporary as well as permanent use.

Typical application areas are:

- Parking areas
- Setting and storage spaces
- Paths in gardens and greenhouses
- Courtyards
- Access drives

Paddock and Eco-Slabs have stable connecting systems that guarantee good composite qualities. The products can be adapted to existing local conditions with a circular or jig saw.

Technical Data

Paddock Slab

LxWxH:	50 x 40 x 4 cm
Size:	about 0.20 m ² - 5 pieces/m ²
Weight:	2.1 kg/piece
Colour:	black

Eco-Slab

Dia. of sides/corners:	40 cm/46 cm
Size:	approx. 0.14 m ² - 7 pieces/m ²
Weight:	2.0 kg/piece
Colour:	grey or brown

hanit® Products for Gardening

Solutions from A to Z!

Garden benches made of recycled plastics can remain outdoors throughout the year and do not have to be dismantled in winter. They can be used immediately after a rain shower, since they absorb no water. If you have a bench with decayed wooden planks that is otherwise still in good order, you can also buy individual bench boards.



The L-stones made of recycled material are easily installed. This makes them all-rounders for gardening.

Popular applications are:

- Property borders
- Embankment fortifications
- Construction of ponds



An all-round success are fences made of the **hanit®** system, whether to create a demarcation from your neighbour or design seating areas in your garden. All your building measures are rapidly transformed for long-term use with finished elements or individual parts.



Traffic, commercial, recreational facilities. The applications for the View Protection Walls are numerous and diverse. **hanit®** View Protection Walls are made of high quality recycled plastics and are designed to blend in with the surroundings.

No painting and lacquering, no chipped colour or splinters. **hanit®** products are low-maintenance, easy to keep up, weather-resistant and are available from one source. We have a product range of more than 2,000 items. Characteristics and profile size options convince ever more customers that **hanit®** is the right product for their project. **hanit®** profiles increasingly find use in garden designs.



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Many additional profiles such as:

- Posts for fencing construction or use as connection posts
- Border Edging formed with Curb Stones and spray-water protective strips
- Generations can play in durable sandboxes
- A large number of board and square profiles for many applications



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

- Waste Bins
- Railing Systems
- Planters
- Solutions for Stairway Construction
- View Protection Walls

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 upon request.



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HAHN

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