



HAHN
PLASTICS

www.hahnplastics.ca

hanit[®] CAMPING AND LEISURE

Guaranteed quality

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BENCHES AND SEATING



GROUND REINFORCEMENT



BARRIERS

THE SMART ALTERNATIVE TO WOOD AND STEEL

hanit® RECYCLED PLASTIC MADE IN GERMANY, UK, AND CANADA

Break new ground when it comes to refurbishing or new construction at your campground or park.





A pioneer is at your side: HAHN Plastics. Back in 1993 – the early days of recycling – our engineers and process technicians developed a new, forward-thinking material: hanit®.

Since then, we have been optimizing our recycled plastic waste materials, allowing you to keep ecology and economy in harmony. Green thinking and keeping the economy making money rather than losing it.

With hanit®, you gain a combination of the material benefits of wood and steel with a brand new product made of recycled plastic – as easy to work with as wood, and as rot-proof as steel.

Umpteen system solutions, complete sets or individual components enable quick and easy use. The best thing is that no specialist knowledge or tools are required.

Since it's always all about your guests, we are happy to confirm the harmlessness of our material with numerous inspections and tests, e.g. for the ingredients that are harmless according to DIN EN 71-3 (safety of toys).

 ECO-FRIENDLY	» Produced without preservatives » Reduces the strain on landfill, is sustainable and environmentally friendly » 100% recycled and 100% recyclable » Non-polluting
 SIMPLE PROCESSING	» Easy to process mechanically (drilling, sawing, screwing) » Simple modifications can be made on the spot » Basic DIY skills are sufficient
 DURABILITY	» Weather-resistant » Rot-resistant » Can be used all year round » Moisture-repellent, does not absorb water and dries quickly
 ECONOMICAL	» Long service life » Resistant to oils, brines, acids, salt water » Low maintenance and service costs » Excellent price/quality ratio » Made of high-quality processed secondary plastics (polyolefins) » Ideal construction material, especially for robust profiles and finished parts
 LIGHT-WEIGHT	» Approximately 1/3 the weight of concrete » Installation does not require heavy equipment » Higher load capacity » Transport cost savings » Faster installation » Reduced workload
 SAFETY & MAINTENANCE	» Splinter-free and carries low risk of injury » Non-toxic according to DIN EN 71-3 (Safety of Toys) » No need to clean

hanit® FOR CAMPING

All-round solutions, from waste management systems to fencing

A campground or park must have a well-balanced structure from the point of view of both operators and guests. For operators, things such as customer satisfaction and a feel-good factor are just as important as profitability and predictability. Guests want to feel at home and spend the loveliest days of the year undisturbed.

hanit® offers a smart solution for both parties. For operators, functional products that enable them to quickly recoup their investment and for guests, a functioning and visually appealing infrastructure. The best thing is: we provide operators with a broad range of products from A to Z – get inspired.





SEATING SETS

Seating groups and table sets in various designs.

More information on pages 6-8



BENCHES

Rustic or modern, with metal or made purely from hanit®.

More information on pages 6-8



COVERED TABLE AND BENCHES

Protected from the weather. Stable for eternity.

More information on page 8



PLANTERS

Round or square, gray or brown? Many different types of planters are available.

More information on page 18



PLAYGROUNDS

Children's benches, sandboxes or mud tables.

More information on pages 16-17



HEAVY DUTY GROUND GRIDS

Lighter than concrete and laid in next to no time.

More information on page 12



GROUND REINFORCEMENT

Can be filled with gravel or covered with grass. Hanpave® ground reinforcement solution.

More information on page 12



SEMI-PERMANENT PATIOS

Quickly installed. Long-term use. The Eco Slab system.

More information on page 13



DECKS

Planks for ground design, with or without tongue and groove.

More information on pages 10-11



PATHS AND DOCKS

Assembled individually or constructed quickly from prefab elements.

More information on pages 10-11



BRIDGES

From substructure to railings. Everything from hanit®.

We are happy to provide individual solutions.



PARTITIONS

Partitions in a variety of shapes and heights.

More information on pages 14-15



BARRIERS

Low barriers for structuring an area.

More information on page 14



FENCES

Fencing and fencing elements in various designs.

More information on pages 14-15



PRIVACY FENCING

Perfect system solutions for fencing in and visually disguising

More information on page 15



LITTER BINS

Small light systems or fixed litter bins with metal inlays.

More information on page 18



BOLLARDS

In gray, brown or black. With or without reflectors.

More information on page 18



POSTS

Warning signs or signposts. With our posts you are never barking up the wrong tree.

More information on page 18



Edgings

Bocce ball areas, soccer fields or beach volleyball courts. Everything is possible.

More information on page 17



BENCHES AND TABLES

Round off the range

It's the little things that make a vacation a perfect experience. So having outdoor furniture nearby to have a quick little rest or enjoy a picnic is very convenient.

With benches, tables, seating groups and special models from hanit®, you can design your park individually and always in an ideal way with unbeatable benefits for you and your guests.

- » Can be used year-round
- » Dries quickly
- » Sturdy solid material - making it highly robust
- » No maintenance costs



CALERO BAR

CALERO SERIES



TIVOLI SERIES



Over 100 models to choose from - with or without a backrest. Perfect as benches for senior citizens or as sun loungers.

TAUNUS SERIES



* with extended support legs for burying in the ground

SERENGETI PICNIC TABLE



* Serengeti 3 with extended tabletop, ideal for wheelchair users

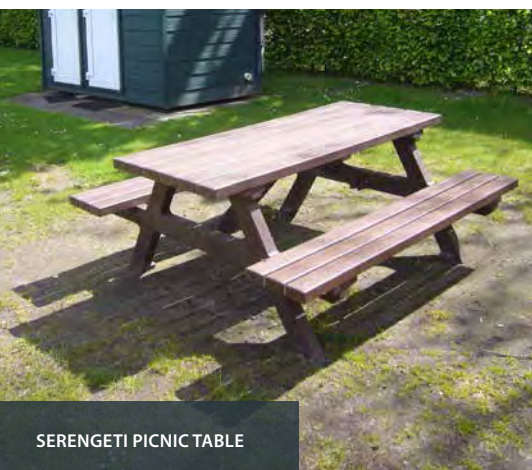
BENCHES AND TABLES

Round off the range

AVETO SUN LOUNGER



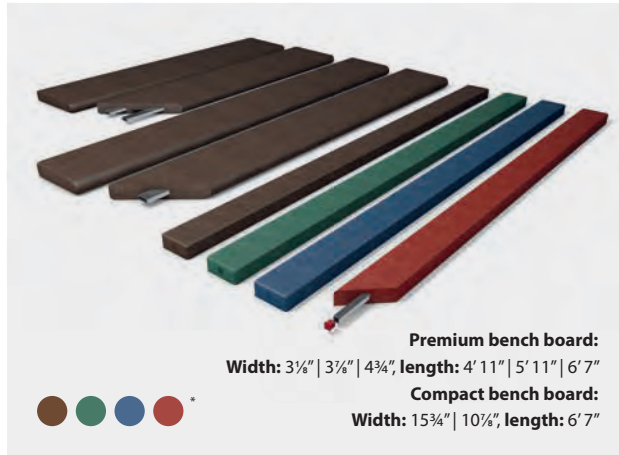
GRAND CANYON BENCH



BENCH BOARDS

Turning old into new in an instant

PREMIUM AND COMPACT BENCH BOARDS



* Compact bench boards only available in brown



Quick and inexpensive

Restoring existing seats if the legs are still in reasonable condition? Or simply creating new seating on walls and gabions? With our hanit® bench boards it's quick and simple.

Available in a variety of dimensions and colors.

Very sturdy due to integrated reinforcement.

FOOTPATH PLANKS AND ELEMENTS

Perfect spatial design with hanit®

Footpaths are the perfect way to frame any setting. With all the strolling, cycling and other fun activities, it is vital that the materials used are not only attractive but also strong. The hanit® footpath planks and elements provide you with components that will withstand daily use and do not require any maintenance or upkeep. You also won't have to worry about harmful substances or splinters.

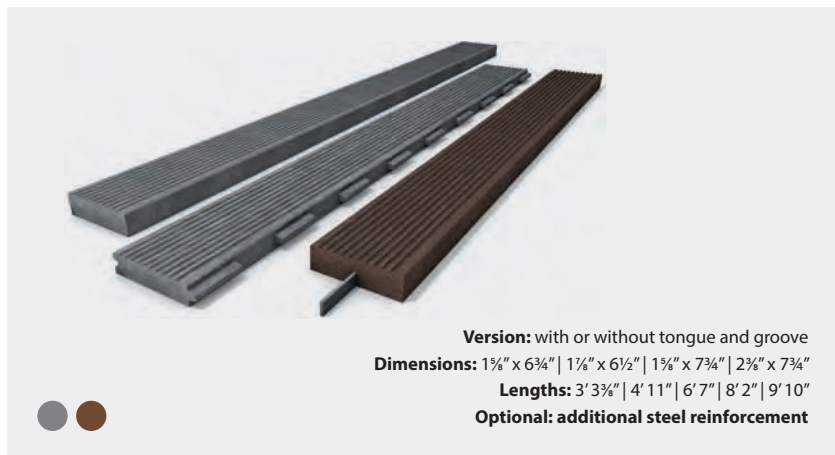
Typical applications for our planks are:

- » Decks for mobile homes and restaurants
- » Paths to beaches, pools or lakes
- » Small bridges and overpasses
- » Platforms, docks and borders

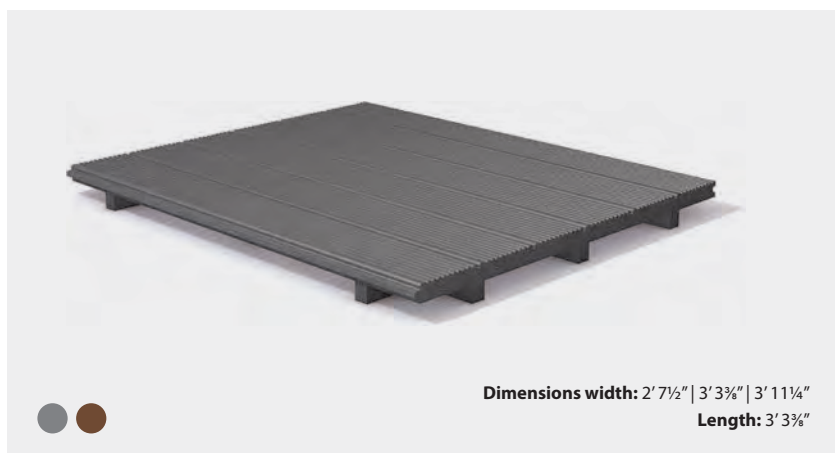


FOOTPATH PLANK

hanit® FOOTPATH PLANK WITH OR WITHOUT TONGUE AND GROOVE



hanit® FOOTPATH PLANK ELEMENT





Many profiles, such as boards and square posts, available as substructure material

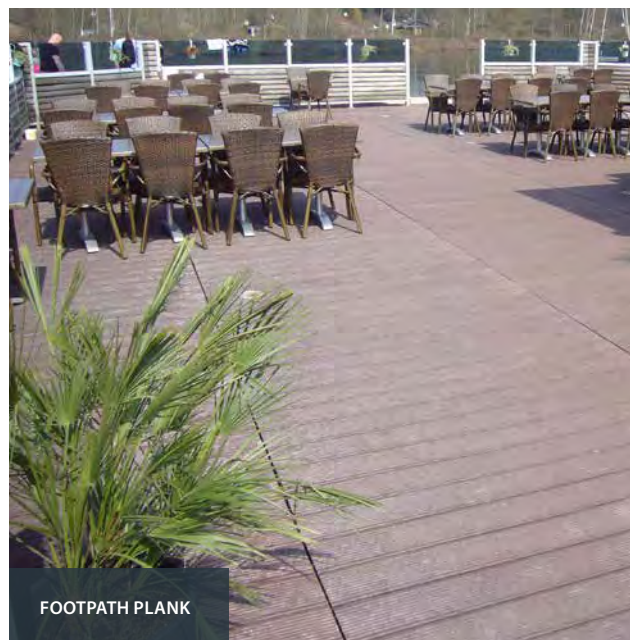
Flüggereich Campsite



FOOTPATH PLANK

Footpath planks and footpath plank elements

- » Very resilient due to the thickness of the profiles
- » Ideal for daily use
- » If speed is important, the footpath plank element is the product for you
- » Contains no harmful substances according to DIN-EN 71-3 (European Standard for the Safety of Toys)



FOOTPATH PLANK

GROUND REINFORCEMENT

Perfect as parking spaces and lanes

There are all sorts of demands when it comes to roadways and campgrounds, especially on campsites. The loads range from a combination of bicycles and cars through to motorhomes the size of transport trucks.

We offer the right surface for all path shapes and vehicle types. Heavy Duty Ground Grids for heavy loads such as on access routes and parking spaces, Hanpave for medium loads when constructing sites for mobile homes and trailers, and our paving stone elements for quick and easy path reinforcement. Temporary spaces, e.g. under awnings, can be covered with our Eco Slabs.

There is an ideal product for each of your applications.



HANPAVE®

HEAVY DUTY GROUND GRID



HANPAVE™

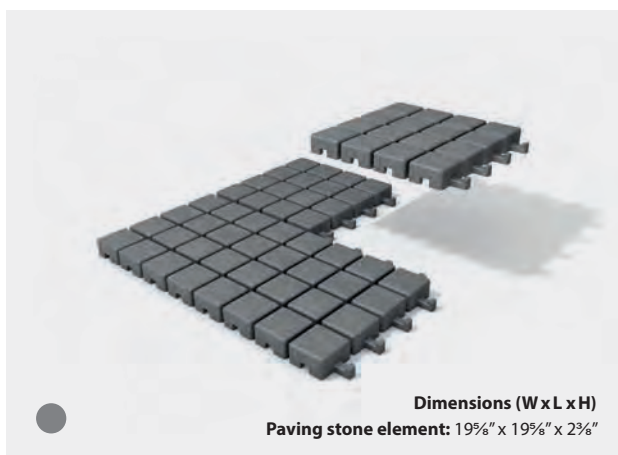




ECO SLABS



PAVING STONE ELEMENT



FENCING, RAILINGS AND BARRIERS

Order and tidiness must prevail

Green spaces need to be protected, campsites be divided and traffic management in the park should be addressed, not to mention protecting privacy and pedestrians.

All this is made possible through several types of fencing and privacy fencing systems as well as railings and barriers from hanit®.

- » Available as complete set solutions
- » Steel-reinforced for maximum stability
- » Open or closed slats
- » Installed with feet or by concreting into place



BARRIER

BARRIER



Dimensions (H x L)*
Ø 4 3/4": 21 1/4" x 9' 2" | 3' 5 1/4" x 9' 2"



* Height after installation

RAILING SYSTEM



Dimensions (H x L)*
Ø 4 3/4": 4' 11" x 8' 2" | 4' 11" x 9' 2"



* Assembly kit available as accessory



PALES AND POSTS

Need a screen for waste bins, service points or parking spaces?

Pre-made, complete sets come in open- or closed-slatted, louvered or privacy fence designs. Bespoke on-site solutions can be created with individual fence pales and posts. These can also be used as spare parts repairing or replacing existing fencing.

The applications are endless!

LOUVERED FENCE



Dimensions (S x W x L)

Post: 4 3/4" x 4 3/4" x 140 | 4 3/4" x 4 3/4" x 6' 1 1/8"

Profiled board: 1 5/8" x 4 3/4" x 8' 2"



PRIVACY FENCE



Dimensions (S x W x L)

Post: 4 3/4" x 6 1/4" x 8' 2"

Tongue and groove board: 1 1/2" x 5 1/4" x 6' 3"



HITS FOR YOUNG CAMPERS

Happy children, happy parents

For families with children, campgrounds and parks are often the first choice for spending the best time of the year. It's important that everyone has a good time especially the kids. When the kids feel content, it becomes an unforgettable relaxing experience for the whole family.

For the older ones, an appropriate range of sports is of course a must. Games and sports are an essential part of every good campground.

We offer the perfect equipment for this, such as child-friendly seating, sandboxes, mud tables and edging for sand and sports facilities.

FORIO CHILDREN'S SEATING GROUP



CALERO SERIES



TREMEZZO YOUTH BENCH



*with extended support legs for burying in the ground

DHANA SANDBOX



MUD TABLE



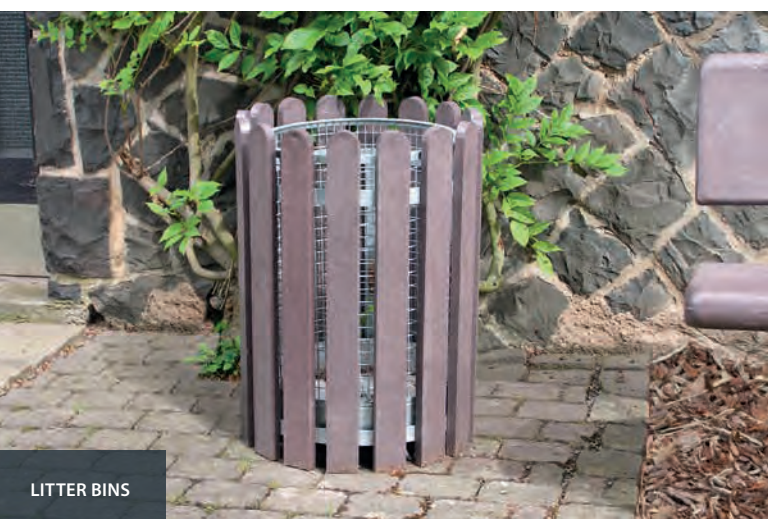
EDGING

USEFUL EXTRAS

Perfection comes down to the little things

Many things in the park are there to serve a purpose but these products can make the park the perfect setting.

hanit® bollards and profiles help to structure the campground. Litter bins keep the park clean and tidy and palisades, etc. can provide the perfect finish on each corner. Planters make the site friendlier but can also be used in a functional way, e.g. as a traffic management tool.



hanit® recycled products

PROCESSING GUIDELINES

hanit® products can be modified using standard tools and machines used in wood and metal processing, as required. However, it is important to be mindful of specific properties of the material:

- » As a general rule, machining the profiles will cause high tool wear. We, therefore, recommend using carbide-tipped tools.
- » Recycled products have a closed surface. In places, the core has a grid-like structure that becomes visible during machining. Such properties are normal for the material and are not cause for concern.
- » Some hanit® products have steel reinforcement. These are described as “plus reinforcement” or “reinforced” in the product information. Cutting into these products (length/width) should be avoided.
- » Any chips that occur during machining should be collected using appropriate extraction systems or equipment for subsequent use.

TIPS FOR HANDLING RECYCLED PROFILES



When bolting recycled profiles together, the profile to be fastened must be pre-drilled (e.g. boards, dock planks, square profiles). The hole must be larger than the bolt. Elongated slots are recommended to account for the temperature-related expansion of the material.



Recycled profiles are only partially paintable due to their properties. Good results have been obtained using permanently elastic plastic paints (all-weather paints) together with a roughened surface and priming. Permanent paint adhesion cannot be guaranteed.



hanit® products can be nailed both conventionally and with nail guns. Due to the compact surface, it is, however, more difficult to penetrate the profiles than it would be with wood.



Compared to wood or metal products, plastic has lower rigidity and greater flexibility. These special material properties must be taken into account when planning distance between supports in dock, fence, and patio construction.



If profiles are hammered, we recommend using a mallet or a corner protector to prevent damage to the product.



Boards, beams, and square profiles must not be press-fitted. The profiles may exhibit length variations of +/- 1.5% due to temperature fluctuations. An expansion distance (expansion gap) must be left during installation.



Sunlight affects the profile alignment, and can, for example, cause fence posts to tilt. To prevent profile distortion caused by sunlight, the profiles should not be stored loosely.



We have structural verification tests, installation recommendations, and assembly instructions for many products and applications. More information can be found on our website www.hahnplastics.ca in the download section or on the selected product's page.

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