

fivestargrass

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**water-buffering support
system for synthetic turf
projects**

Drain Panel BROCHURE

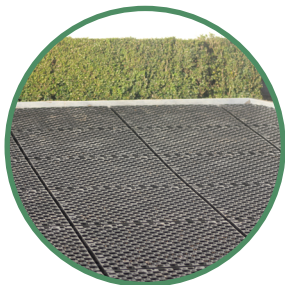
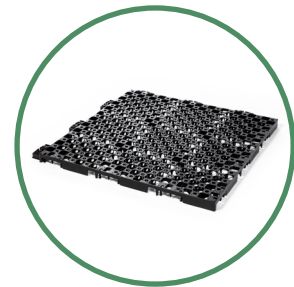


Artificial turf tile system

Drain Panel is an innovative, water-buffering tile system for a perfectly water-permeable paving with artificial turf.

Optimal load distribution

The perfect ratio between contact surfaces at the top and bottom of the tile ensures optimal load distribution to the substrate. The perfect guarantee for a smooth artificial lawn without bumps! Avoid expensive and complex foundation works and save time and costs!

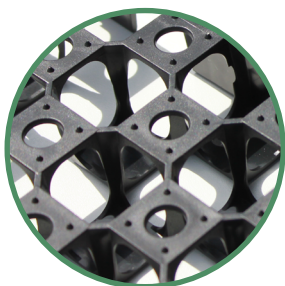
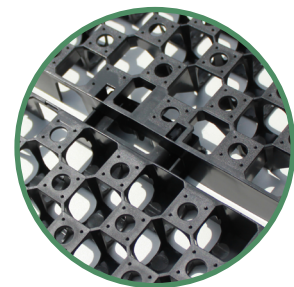


High water buffering capacity

Drain Panel buffers 30 liters of water per m². The solution for a perfectly water-permeable, green and ecologically responsible paving.

Unique connection system

The patented connections allow the plates to shrink and expand within their own dimensions, both during installation in cold and at warm temperatures.

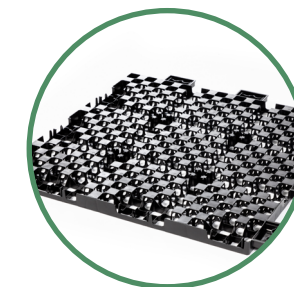


Well-thought-out non-skid system

Each plate is provided with 1010 anti-skid pins of 2 mm height on the top to ensure that the artificial turf stays nicely in place without causing damage to the backing of the artificial turf.

Huge flexibility

Thanks to the 9 flexible zones Drain Panel consists of, the plate can be applied to various substrates and always maintains contact with the substrate.



Drain Panel

Made from 100% recycled HDPE and 100% recyclable. HDPE offers the ideal combination between a sturdy plate and high elasticity, even in cold temperatures. Drain Panel forms a thermal buffer between the subbase and the turf surface temperature, improving comfort of use even in freezing weather conditions.



Drain Panel is innovative in the field of applications with artificial turf and it combines the positive properties of artificial turf with the possibility of buffering and infiltrating rainwater.

Drain Panel catches the rainwater and buffers it under the tile after which the water can infiltrate into the subsoil. This considerably increases the durability of your artificial grass.

Fixation caps

With the specially provided fixing caps and associated screws, the artificial grass can be fixed everywhere. Moreover, the specially developed Drain Panel borders can easily be attached to the artificial grass using the caps.



Drain Panel borders

The Drain Panel borders are specially developed to border easily and clearly your artificial grass project. Moreover, this border prevents curling up of the artificial grass. The sides of the artificial grass plates can be finished with the optional Drain Panel L-border. This prevents side soil from being washed away and prevents vermin from getting under the plates.

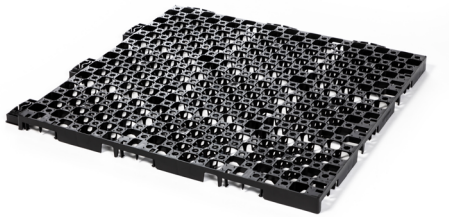


The Drain Panel tile consists of an inverted checkerboard pattern guaranteeing on the one hand a good load distribution to the subbase and on the other hand a stable contact surface for the artificial turf.

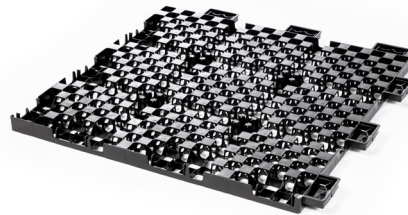
Technical specifications

The Drain Panel tile consists of an inverted checkerboard pattern guaranteeing on the one hand a good load distribution to the subbase and on the other hand a stable contact surface for the artificial turf. The top consists of a non-skid layer which makes it difficult for the artificial turf to shift. The plate is divided into 9 flexible zones to maintain maximum contact with the subbase in all circumstances. The plate has a water buffering capacity of 30 liters per m². The connection system between the Drain Panel plates themselves ensures shrinking and expanding of the plates within their own dimensions, both when placed in cold and warm temperatures. The system comes with matching fixing caps that can be clicked into the plate. These serve as the basis for fixing the artificial turf and the border profile.

Top view



Bottom view



COMPOSITION:

MATERIAL: 100% RECYCLED HDPE (HIGH-DENSITY POLYETHYLENE) AND 100% RECYCLABLE

UV-STABILITY: OK

HEIGHT OF THE PLATE: 30 MM

TILE DIMENSIONS: 60 X 60 CM = 0.36M²/PIECE (JOINTS INCLUDED)

TILES PER M²: 2,8

WEIGHT PER TILE: 917 GRAMS // 2.55 KG PER M²

WATER BUFFERING CAPACITY: 30 LITERS / M²

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