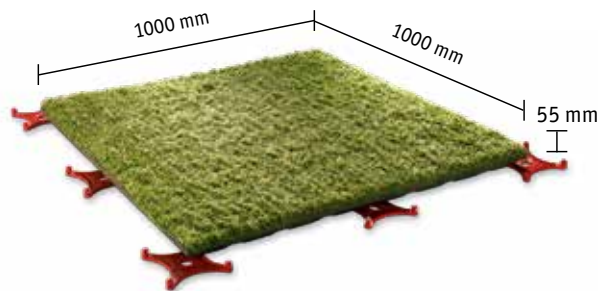




TERRASOFT® | ARTIFICIAL TURF SLAB



With the 1 x 1 meter Terrasoft artificial turf slab, schoolyards or football fields can be modernised to attractive playing fields in no time at all. A fleece made of high-strength artificial lawn is applied to a slab of pure rubber granulate (1-3.5 mm). Thanks to its high-pile material and natural look, this lawn is green both in summer and winter - with no further care being required. The surface also withstands continuous loads. Thanks to the elasticity of the artificial lawn slabs, the risk of injury is minimised. The cross connector ensures a permanently positive connection.

ADVANTAGES

- highly durable surface
- superfast installation without extensive ground work
- permeable to water / fast-drying
- patented connection system
- low maintenance
- no maintenance
- barrier-free usable

APPLICATION

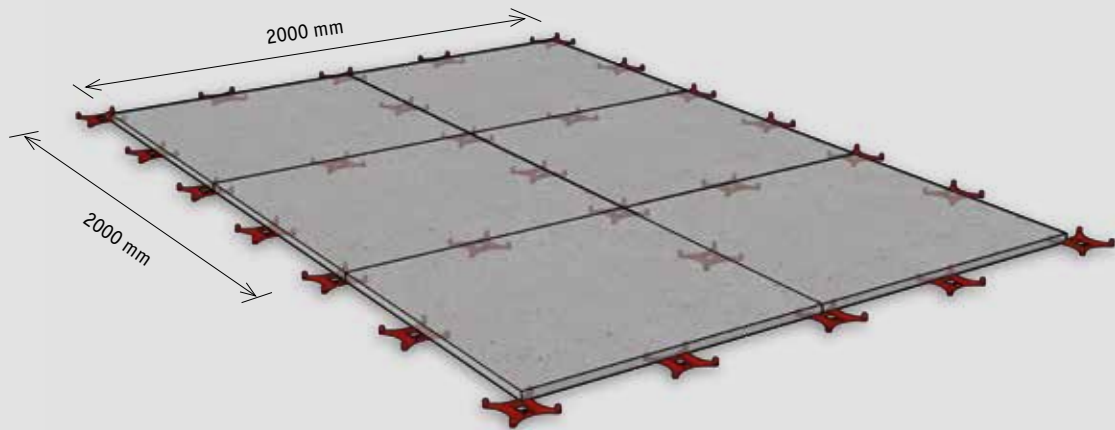
The Terrasoft artificial turf slab is available in a natural green colour, and is used outdoor e.g. as a covering for streetball installations. In contrast to conventional lawn, basketball can also be played on the large-format slab.

MATCHING EDGE ELEMENTS

On porous substrates, the surface may be rapidly and easily edged with Terrasoft path bordering.



*Path bordering
Item no. 252000xx1*



Laying of the Terrasoft Artificial turf slab 1000 x 1000 x 55 with the Cross connector

INSTALLATION INSTRUCTIONS

Due to the manufacturing process, the artificial turf culms are presented in one direction. Ensure that the grass stalks are aligned uniformly during installation. This applies in particular to edge panels that have been cut to size.

Laying on firm substrate:

An important prerequisite for the installation of slabs made of pure rubber granulate is the professional preparation of the substrate and the appropriate gradient. A smooth gradient screed with subsequently applied moisture insulation is most suitable as the water-bearing layer. Existing films and bituminous membranes must first be tested for their suitability as a substrate. A solid edging to maintain the position is essential. To ensure the desired situational securing in the long term, the border slabs should be glued to the substrate.

Laying on permeable substrate:

First, remove topsoil and soil down to a load-bearing, firm substrate. In cohesive, impermeable soils (e.g. loam), the foundations should be arranged with an appropriate slope and a drainage system for the discharge of surface water. Then, a load-bearing substructure (grain size 0/32 mm to 0/56 mm) min. 20 cm thick is filled in and compacted. Subsequently, as surface compensation and slab support, high-grade chippings (3/7 mm min. 25 mm thick) are used as backfill with a 2.5 % gradient.

Please follow the care instructions.

Cross connector:

In order to ensure a permanent connection between the slabs when laying in a cross-gap, and to avoid a shifting of the slabs between them, we recommend the use of the cross connector for Terrasoft artificial turf slabs 1000 x 1000 x 55. They are laid below the slabs in the corresponding recess and glued selectively.



Terrasoft Artificial turf slab
natural green

Colours



natural
green

Specifications



SURFACE ADHESION

The surface adhesion is mainly for the fixation of solid rubber products.

Preparation of the subsoil

The concrete foundation must be rough, clean and dry. Please pay attention that the glueing areas are free of oil, greases and other residues e.g. colours, rubber abrasion, cement mist etc.

The surface and environment temperature must be at least 8 °C resp. at least 3 °C above the dew point temperature. Air temperature not higher than 80%.

Adhesion priming

Fill adhesion priming in another pot and apply thinly on the subsoil by rolling or painting.

If necessary, subsequently smooth put to avoid puddles.

The drying depends on the air humidity.

With a high air humidity the drying is delayed. In the drying time, a direct water admission should be avoided.

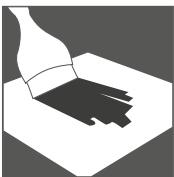
Under certain circumstances, it may be necessary to grind the dried adhesion priming. The grinding dust should be removed thoroughly.

Glueing process

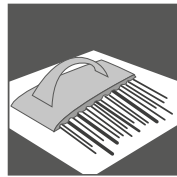
Admit 1.5 kg hardener to 10 kg glueing and mix it at a low rotative speed achieving a mass free of mist.

When glueing rubber on concrete, the glueing mass should be applied and compressed on the concrete surface with a toothed spatula (4 mm).

Please pay attention that the area is not stepped on for 48 hours.



adhesion priming



glueing process

CARE INSTRUCTIONS

A regular care of the layed slabs serves the security and increases its attractive appearance and the life span.

- The dust on Terrasoft areas can be swept off with a broom with hard bristles. The can also be cleaned with a high-pressure cleaner. This also removes dirt residues from the porous surface of the slabs.
- Depending on the degree of soiling, a deep cleaning, e.g. be carried out with a high-pressure cleaner.
- Coloured surfaces can be subsequently refined through application of a special spray coating. In the case of EPDM paving slabs, aggressive soiling due to environmental influences can be removed by sanding down the surface.
- Fouling with moss or grass in the joint area can lead to the panels being pushed apart or pushed up. Be sure to remove such growth early.
- Decolourations of the surface can occur through durable remaining rain moisture on the substrates as well as diverse plants in the direct surroundings of the slabs.
- External influences can have an effect on the condition of the surfaces. Weather, UV radiation, dust from the air, sites near the coast with high salinity or sand areas near the impact protection slabs can have a negative effect on lack of care.
- In cases of abrasion slabs have to be replaced

JOINT FILLER

The joint filler is applied when already laid elements should be glued together upon the impact edges. This way, it is not possible to take away single elements.

Processing

With the supplied plastic nozzle, an exact dosage is achieved by simply pressing the middle of the bottle.

Please pay attention that the joint filler remains liquid during the processing period. The joint should not be larger than 3 mm.

Please pay attention that the surface is not stepped on for 48 hours.