



## TERRASOFT® | PUZZLE ARTIFICIAL TURF

The Terrasoft Puzzle combines safety with child-friendly design. The material offers a high level of walking comfort and numerous orthopaedic benefits, such as joint protection. A particular advantage: a high-quality artificial turf is applied to a carrier slab made of pure rubber granulate (1-3.5 mm, bound and coated with polyurethane). This allows, together with the positive connection, a visually appealing surface appearance with low maintenance.

Benefit, in addition, from the currently most extensive overall program on the market: the four border elements of the Terrasoft program that fit the puzzle can be integrally combined into the area laying plan.

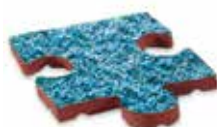


### ADVANTAGES

- extended joint-runs for high structural securing
- child-friendly design
- Non-slip even in wet conditions
- permeable to water / fast-drying
- low maintenance, barrier-free usable
- permanently green, low maintenance lawn

### APPLICATION

The Terrasoft artificial turf puzzle is available in three different colours and is used in exterior areas and, among other things, in recreational areas that require creative surface design. Please observe the maintenance instructions as well as the care instructions.



Module 2  
Item no. 151545xx2



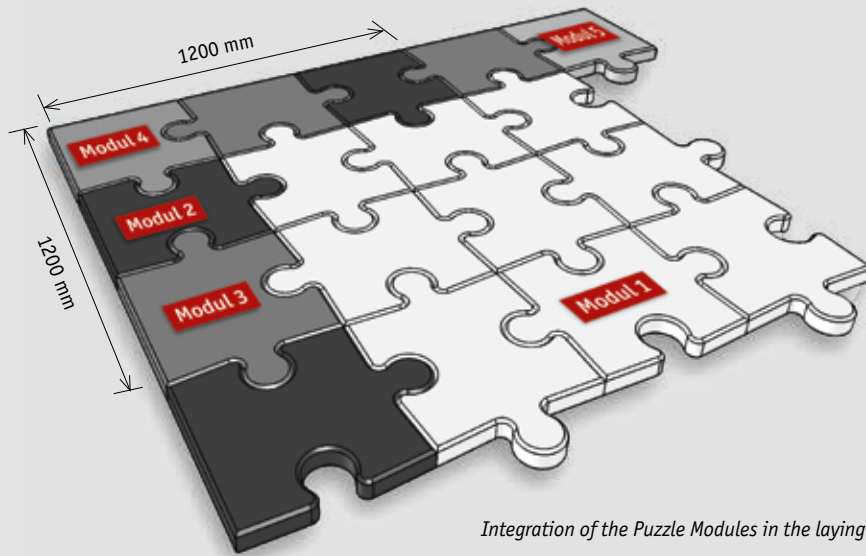
Module 3  
Item no. 151545xx3



Module 4  
Item no. 151545xx4



Module 5  
Item no. 151545xx5



## INSTALLATION INSTRUCTIONS

The five different individual modules of the Terrasoft puzzle fit tightly together and achieve a high surface stability. The individual modules can be incorporated into the installation plan according to the above drawing. 6.25 parts make one square meter.

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 permeable substrate:

When laying on permeable substrates, we recommend the Terrasoft Edge Fastenings. A stable and frost-resistant substructure must be ensured.

### Laying on firm substrate:

The edge panels are integrated staggered on solid surfaces and glued in addition. Additionally, a selective glueing of the individual slabs is recommended.

## MAINTENANCE INSTRUCTIONS

Terrasoft flooring systems are non-hazardous in terms of the norm. The operator has to ensure a regular inspection of the area.

**Visual inspection:** weekly visual inspection to detect obvious hazards

**Operational inspection:** quarterly wear control to check the position and durability of the mounting and connector, elimination of possible tripping points, replacement of the slabs in case of damage or surface abrasion

**Main inspection:** annual intensive verification of the positional safety and operational safety of the fall protection, control of the strength of the connectors used and the enclosure elements. For inspection of equipment foundations, the slabs can be taken out of the connection and can easily be integrated again after the inspection.

### Colours



-82x  
natural  
green

-84  
blue

-85  
red

### 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.

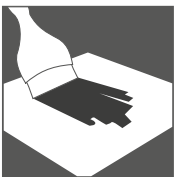
Under certain circumstances, it may be necessary to grind the dried adhesion priming. The grinding dust should be removed thoroughly.

### Glueing process

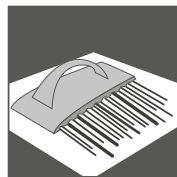
Admit 1.5 kg hardener to 10 kg glueing and mix it at a low rotative speed achieving a mass free of mist.

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

## 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.

## 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.
- Decolorations of the surface can occur through durable remaining ram 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