Paving Block Tile

Product Data Sheet no. 9320 - R-04
Issue: February 2019

The EUROFLEX® Paving Block tile is warmer than a hard stone, brick or tile surfacing material. So kids and adults can play and romp around without concern. Moreover, it is also pleasantly soft and therefore offers excellent protection against injuries to ligaments and joints. The high level of compression of the EUROFLEX® Paving Block tile is reflected in its high resistance to abrasion. Being elastic it offers protection for joints and ligaments during play. Supplied with plug-in connectors fitted at the factory the tiles are easy and cheap to install in a sturdy masonry-type bonding system without glue, both for bonded and compacted, load-bearing non-bonded sub-surfaces (excluding sand). In addition to being ideal for sidewalks or outdoor fitness equipment the EUROFLEX® Paving Block tile is also suitable for a diversity of other locations requiring safe and hard-wearing surface.

Material

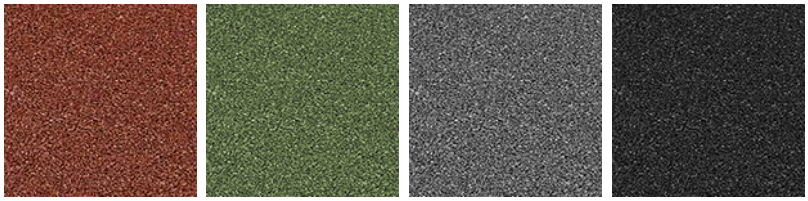
Material:

granulated recycled rubber
Binding agent: MDI polyurethane

Product design

Colours:	red, green, grey or black (minor colour variations and/or fading possible)

Colours:



red, green, grey, black

Surface:	smooth with open pores
Lower side:	dimple-textured (for drainage)

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Dimensions / Tolerances / Weight

Length x width x height:	500 x 500 x 40 mm
Max. fall height [m]:	1,10 m
Tolerances:	length, width: ± 0,8 %, thickness: ± 2 mm
Area weight:	approx. 36 kg/m²

Product Testing

Permissible fall height:	in accordance with DIN EN 1177:2008, EN 1177:2008
HIC 1000:	1,1m
Abrasion resistance:	rV 5,9 (DIN 18035)
Fire resistance:	Efl, Class E (DIN EN 13501-1, 2002)
Tensile strength:	approx. 0,75 N/mm² EN-DIN-ISO 1798-2008 (DIN 5357)
Elongation at break:	approx. 70 % EN-DIN-ISO 1798-2008 (DIN 5357)
Chemical resistance:	conditionally resistant to acids and bases
Cold fracture resistance:	24h / -40°C, no fracture
Cold crack resistance:	5h / -30°C, no cracks

Installation

Pour level layer of lean concrete or crushed rock over frost-stable sub grade. If the surface covered is an existing concrete or asphalt surface, take care to provide sufficient slope for water drain-off and level off any irregularities.
Use edge slabs and corner slabs around the surface to minimize danger of stumbling. Cement these slabs to one another, to the EUROFLEX® surface and if possible to the substructure. Install the slabs in a masonry-type configuration, i.e. beginning every second row with a half slab. Insert connector pins fully into the receiving holes.
To ensure secure placement, cement the crosswise joints of the first and the last row.
The cement used should be a 1-component PU adhesive cement.
Cut slabs to size using a powered sabre saw.

The product data sheet is not subject to any change service! All information is without guarantee.
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