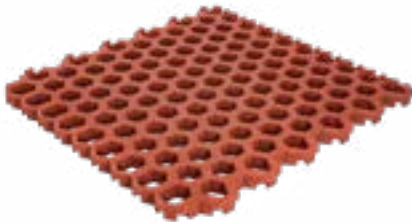


TECHNICAL DATA SHEET – GRASS GRID HEXAGON®

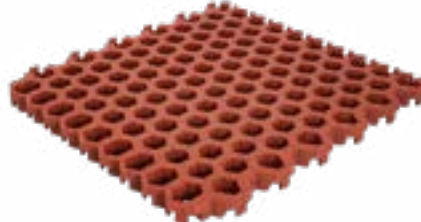
Brief description of the Grass Grid Hexagon® rubber tile:

The Grass Grid Hexagon® rubber tile is a honeycomb-shaped plate that can be linked in a hexagon principle. The honeycombs can be filled with different materials. Grass growth is possible and looks particularly natural. The rubber tiles are robust, and grass can be easily mowed with a lawnmower.

The Grass Grid Hexagon® rubber tiles are comfortable to step on and are a successful alternative to solutions made of concrete. The connection points of the rubber tiles interlock, so our Grass Grid Hexagon® rubber tiles hold together even on uneven ground. We recommend the Grass Grid Hexagon® rubber tiles for playgrounds, home gardens, parks, and campsites.



Grass Grid Hexagon® rubber tile 4.5 cm



Grass Grid Hexagon® rubber tile 6.5 cm



The connection of the Grass Grid Hexagon® rubber tile

Colour variations:

The Grass Grid Hexagon® rubber tiles are available in the four basic colours red, green, black, and grey. Small colour defects and variations are possible due to the differences in the recycled base materials.



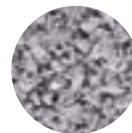
Red



Green



Black



Grey

Materials used:

Base material:	Recycled rubber granules (1-3 mm grain size)
Binder:	PU adhesive
Dyes:	Powder paint



TECHNICAL DATA SHEET – GRASS GRID HEXAGON®

Sizes, weights and fall heights

Our impact protection products have TÜV certificates, according to the standards MSZ EN 1176-1:2018 and MSZ EN 1177:2018. Our Grass Grid Hexagon® rubber tiles have a fall protection height of 1.8 m to 2.4 m. The products have a width and length tolerance of 1-2% and a thickness tolerance of 1-2 mm. It is recommended to store the products for at least one week before installation, so they can reach their final sizes.

Thickness	Filling material	Size	HIC*	Weight / pc
4,5 cm	gravel	106 x 99 cm	1,8 m	19,1 kg
4,5 cm	soil substrate/grass seed		2,0 m	19,1 kg
6,5 cm	gravel		2,2 m	24,5 kg
6,5 cm	soil substrate/grass seed		2,4 m	24,5 kg

* The respective drop heights depend on the filling material used.

Pressure-deformation properties for cars:

The products are tested at 23°C according to DIN EN ISO 3386-2 (2010-09).

Thickness	Pressure per tyre	Pressure per m ²
4,5 cm	900 kg / tyre	74.500 kg/m ²
6,5 cm	700 kg / tyre	54.700 kg/m ²

* Maneuvering has a negative effect on the displayed test results

* Support feet must be supported with 50x50 cm wooden or rubber sheets

Fire protection class:

E_{fl} (flammability by direct flame action, burning behaviour by radiant heat)

Evaluation method

- MSZ EN 13501-1:2007+A1:2010
- MSZ EN ISO 11925-2:2011
- MSZ EN ISO 9239-1:2011