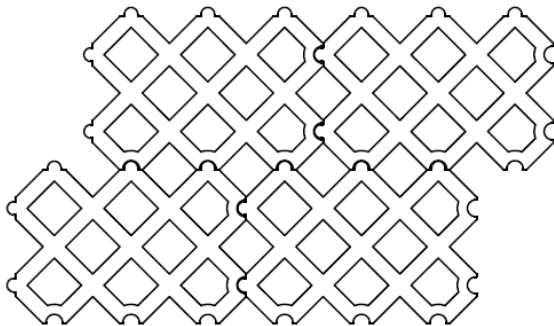
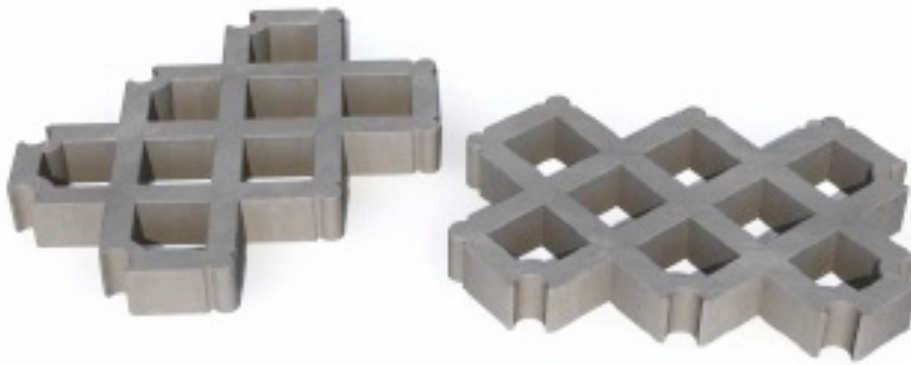


## Tender text – product description – technical specification

### Grass tile

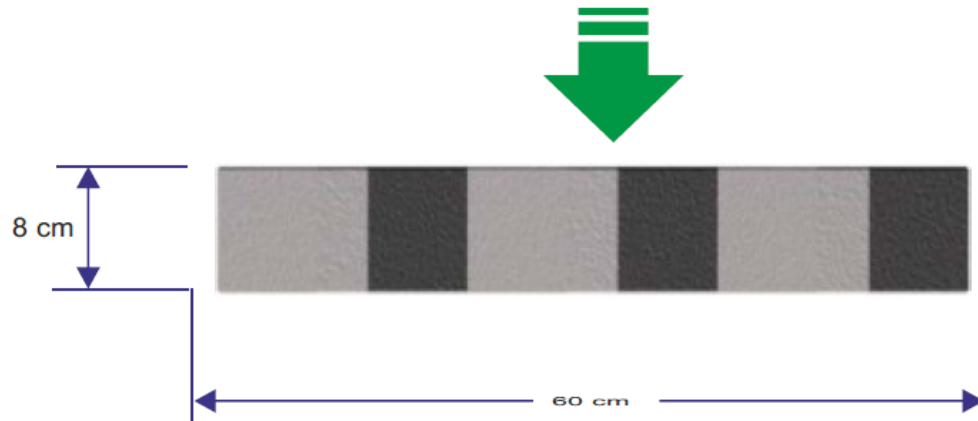
Recycled plastics permeable roadside tile



### Description

Permeable tile for durable and environment friendly pavement of roadsides, parking areas, driveways, industrial premises. They stabilize the surface and at the same time their open structure enables rain to penetrate the soil in order to avoid flooding. The tiles are strong enough to carry cars as well as trucks. Thanks to their light weight, they can easily be installed. 53% of the total surface is permeable.

Pressure test:  
Tiles remain intact at  $57 \text{ kN (5700 kg) / } 225 \text{ cm}^2 = 250.000 \text{ kg / m}^2$



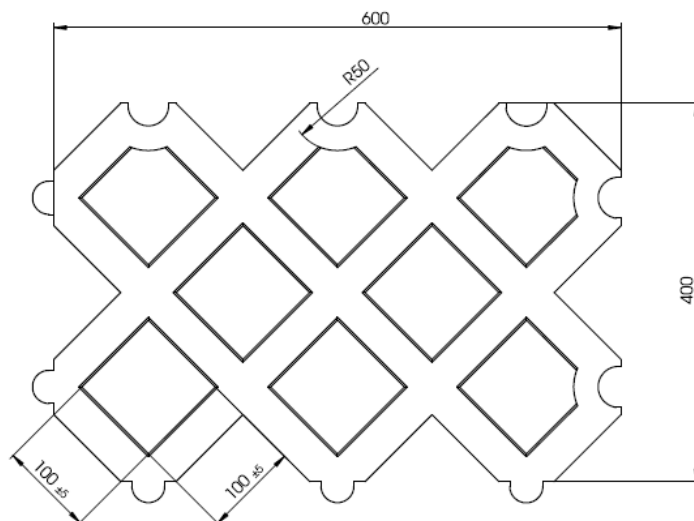
### Dimensions

Width: 40 cm

Length: 60 cm

Thickness: 8 cm

4.17 tiles = 1 m<sup>2</sup>



**Weight**

+/- 9 kg / tile

**Material**

The grass tiles are made of 100% recycled plastics of (PE and PP) and they have a rough finish. They are not coloured.

**Properties**

The grass tiles are made of recycled plastics and they are:

- Maintenance free
- Weather resistant
- recyclable
- rot-free
- durable
- strong
- high breaking strength even though lightweight
- easy installation
- water permeable
- suitable for load class SLW 60 cfr DIN 1072

**Colours**

The tile is available in grey.

**Installation**

Prepare the ground for the expected load. For light traffic (e.g. parking areas) you use 30 to 40 cm of gravel or crushed stones (0/45 grain). For truck traffic you use a 50 cm layer. Place the grass tiles on a 2 to 5 cm thick flat surface of sand or gravel. When placing the tiles, take into account the expansion of plastic and provide a 1 to 1.5 cm wide expansion joint of 1 to 1,5 cm per m<sup>2</sup> in each direction.

**Transport**

The tiles are transported per 80 pcs on a pallet.

Loading and unloading of the pallet is done with a forklift.

**Maintenance**

The grass tiles are maintenance free. Their water absorption is less than 0.29%. Therefore oil, grease or paint will not attach and leave marks. Cleaning with water or detergent is sufficient.