



FACTSHEET SEMPERGREEN® DRAINAGE TYPE 540 (40 MM)

MATERIAL

Drainage type 540 is a drainage plate with dimpled cores of recycled high-impact polystyrene (HIPS), with CE marking. On the top side there are drainage systems for rainwater drainage.

APPLICABILITY

Drainage type 540 can be applied on an extensive / semi-intensive green roof on sloping surfaces of up to 5 degrees, depending on the build-up of the roof. Drainage type 540 is to be used in combination with a protection fleece on the bottom side and a filter fleece on the top side. The protection fleece and the filter fleece can be supplied separately.

DELIVERY AND INSTALLATION

The drainage plates are supplied in 2.12 m²; 2.04 metres in length by 1.04 metres in width.

During installation the drainage plates can be placed tightly against each other on the roof. Installation with an overlap is also possible. In case of overlap, a 5 percent overlap loss should be taken into account.

In order to achieve the maximum compressive strength, the drainage plates must be filled with drain substrate, which can be supplied separately.

PRODUCT PHOTO



TECHNICAL DATA

Weight: 1.96 kg/m²
Thickness: approx. 40 mm
Water reservoir: 19.59 l/m²

Rainwater retention capacity: 1% = 0.70 l/(mxs)
2% = 1.01 l/(mxs)
3% = 1.25 l/(mxs)
5% = 1.63 l/(mxs)

Compressive strength: 338 kN/m² (unfilled)
588 kN/m² (filled)

In-fill volume: 22.75 l/m²
Number of m² per pallet: 27.6 m²