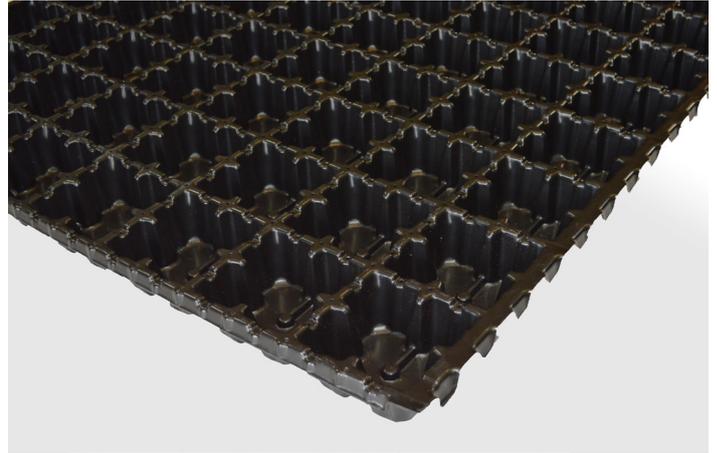


OPTIGRÜN FKD 60BO

Drainage and Storage Board

Drainage and Storage Board made of recycled HDPE with a high water reservoir. Highly resilient with channel system on the underside and diffusion and drainage holes on the top side.



Material	Recycled HDPE
Nominal thickness	approx. 60 mm
Grammage	approx. 2.3 kg/m ²
Colour	black/grey
Compressive strength filled	ca. 45 l/m ²
Loose capacity	approx. 45 l/m ²
Water reservoir filled	approx. 23 l/m ²
Water reservoir unfilled	approx. 36 l/m ²
Compressive strength filled	approx. 650 kN/m ² with 10% compression, filled flush with chippings 2/5
Water discharge capacity (DIN EN ISO 12958)	Measured at: $\sigma = 20$ kPa, soft/hard, MD, with a FIL 105 filter fleece on the upper side: $i = 0.01$ (=1 % roof pitch): 1.58 l/(m*s) $i = 0.02$ (=2 % roof pitch): 2.29 l/(m*s) $i = 0.05$ (=5 % roof pitch): 3.64 l/(m*s) $i = 0.1$ (=10 % roof pitch): 5.15 l/(m*s) $i = 1$ (vertical): 16.83 l/(m*s)
Quantity/delivery unit	Panels Panel measurements: 2.34 x 1.004 m approx. 2.30 m ² /panel
Delivery form	Disposable pallet with 180 panels approx. 414 m ² /pallet
Pack size	LxWxH 2.36 x 1.06 x 1.9 m
Delivery weight	approx. 980 kg/disposable pallet

Area of use

- Under intensive roof greening in multi-layer construction filled with Drainage Material Perl 8/16
- Under temporarily drivable gravel lawn without gravel base layer filled with Drainage Material Perl 8/16

Specific properties

- Unfilled installation under intensive roof greening is possible with a substrate height of up to 400 mm in combination with Optigrün Filter Fleece FIL 300 (it is not possible for vehicles of any kind to drive over the unfilled Optigrün Drainage and Storage Board FKD 60BO)
- Suitable for non-pitch roofs
- Rapid draining of excess water
- Vapour permeable - suitable for inverted roofs
- Lightweight super structure with high drainage capacity
- Surrounding edge overlaps
- Filling without risk of shifting apart
- Cross and T-joints possible - minimal offcuts

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

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