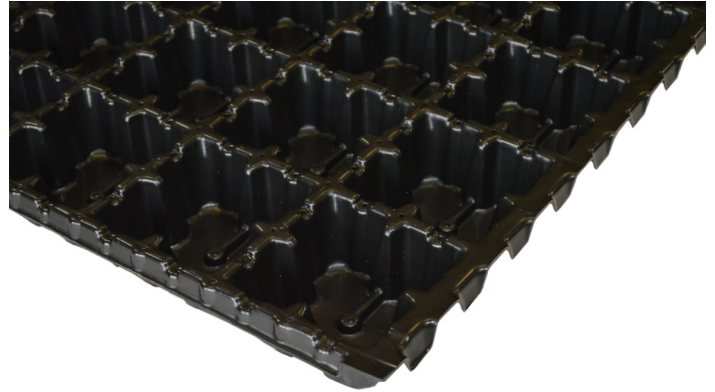


OPTIGRÜN FKD 60BU

Protection and Drainage Board

Protection and Drainage Board made of recycled HDPE without water reservoir. Highly resilient with channel system on the underside and drainage holes on the underside.



Material	Recycled HDPE
Nominal thickness	approx. 60 mm
Grammage	approx. 2.3 kg/m ²
Colour	black/grey
Loose capacity	approx. 45 l/m ²
Water reservoir filled	approx. 0 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 public roofs with and without roof pitch, filled with Drainage Material Perl 8/16 or chippings 2/5

Specific properties

- In filled condition usable under public roofs of the use categories N1 (walkable) to N3 (use by cars and occasional traffic by trucks up to 20 t) in the Optigrün system structure
- 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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