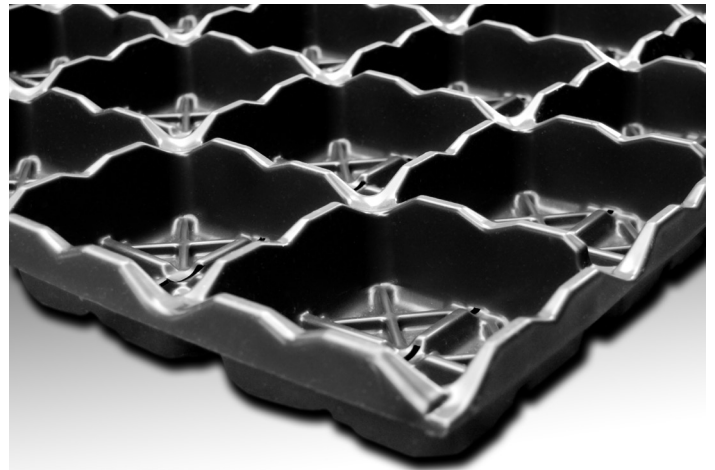


OPTIGREEN FKD 60BU

Protection and Drainage Board

Highly resilient plastic panel made from deep-drawn recycled HDPE without water reservoir function, channel system with water vapour permeability on the underside for drainage and with drainage holes on the underside. For use on walking surfaces and terrace areas without water accumulation. Suitable for use on inverted roofs.



Material	Recycled HDPE
Nominal thickness	approx. 60 mm
Grammage	approx. 2.5 kg/m ²
Colour	black/grey
Compressive strength filled	approx. 695 kN/m ² with 10% compression, filled flush
Loose capacity	approx. 45 l/m ²
Water reservoir unfilled	approx. 0 l/m ²
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): 0.578 l/(m*s) $i = 0.02$ (=2 % roof pitch): 0.833 l/(m*s) $i = 0.05$ (=5 % roof pitch): 1.356 l/(m*s) $i = 0.1$ (=10 % roof pitch): 1.944 l/(m*s) $i = 1$ (vertical): 6.483 l/(m*s)
Quantity/delivered unit	approx. 2.06 m ² /panel approx. 370.8 kg/disposable pallet
Delivery form	Approx. 370.8 m ² / 180 pieces on disposable pallet 2.05 x 1.05 m
Pack size	LxWxH 1,998 x 1,031 x 60 mm
Delivery weight	approx. 5.15 kg/panel - approx. 950.0 kg/full disposable pallet

Area of use

- For the drainage of public areas with and without roof pitch and without water accumulation, filled with drainage material, base layer gravel or drainage concrete for super structure heights from 150 mm.
- Can also be used as sacrifice shuttering

Specific properties

- Specifically on inverted roofs with a need for openness to vapour diffusion
- 100% recycled HDPE
- Drainage according to DIN 4095
- Low weight
- Prevents accumulation of water for non-pitched roofs and large drainage lengths
- Lightweight super structure with high drainage capacity
- Pressure stable and accessible to trucks
- Recyclable

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 Optigreen's technical knowledge at the time of publication. Optigreen 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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