

Canopia FKD 60BO Drainage and Storage Board

Highly resilient plastic panel made from deep-drawn recycled HDPE with water reservoir function, channel system with water vapour permeability on the underside for drainage and with diffusion and drainage holes on the top.

PRODUCT DATA

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 (for Perl-type filling flush to upper edge of panel)
Water discharge capacity	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 = 0.10 (=10 % roof pitch): 1.944 L/(m*s) i = 1 (vertical): 6.483 L/(m*s)
Water reservoir	Approx. 23 L (filled with drainage material Perl 8/16)
Delivery weight	Approx. 5.15 kg per panel Approx. 950 kg per disposable pallet
Pack size	LxWxH: 1.998 mm x 1.031 mm x 60 mm
Quantity / delivered unit	2.06 m ² per panel 370.8 m ² per pallet
Delivery form	180 pieces per pallet (2.05 m x 1.05 m)



INTENDED USE

Under intensive green roofs filled with a drainage material Perl 8/16 and under greenable surfaces that can temporarily be driven on (such as fire brigade access, parking spaces, etc.), e.g. with gravel lawn base layers on the filter layer.

SPECIFIC PROPERTIES

- Suitable for inverted roofs with a requirement for openness to vapour diffusion.
- Lightweight superstructure, made from 100% recycled HDPE.
- Drainage according to DIN 4095.
- High water storage capacity.
- High drainage capacity with rapid discharge of excess water.
- Prevents water accumulation on non-pitched roofs and large drainage lengths.
- Recyclable.

We are committed to continuously enhancing and improving our product range. We reserve the right to change our product specifications. We reserve the right to correct any typographical or clerical error or omission. For the latest information contact customer service.



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