

Canopia

Drainage Board 20

Canopia Drainage Board 20 is made from deep-drawn recycled HDPE and is used as a water reservoir and drainage board beneath extensive green roofs.

INTENDED USE

As a drainage and water storage board under extensive green roof systems. For use on roofs upto a pitch of 5 degrees.

INSTALLATION SUMMARY

The Canopia Drainage Board 20 should be installed with the 'cups' facing up to hold any drain water. The drainage layer should be positioned making sure each adjacent sheet is tightly butted together. Cut the drainage layer at the perimeters of the roof leaving a neat edge.

Be careful NOT to damage the waterproofing membrane when making any cuts, and we advise the use of a protection board to prevent this.

The Canopia Drainage Board 20 should be cut neatly around any roof outlets to allow future access for inspection. Canopia Drainage Board 20 should always be used in conjunction with other specified Canopia components of the green roof system.

STORAGE

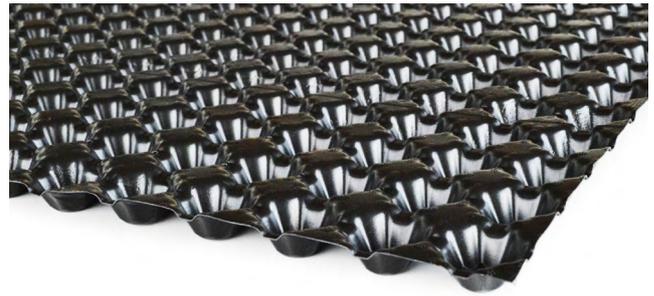
The product must be kept dry and clean prior to use.

TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

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PRODUCT DATA

Product Code:	20000449
Material	Recycled HDPE
Nominal board depth	Approx. 20 mm
Weight	Approx. 900 g/m ²
Colour	Black / grey
Compressive strength	Approx. 120 kN/m ²
Filling volume	For filling flush to the upper edge approx. 6.0 L/m ²
Water discharge capacity	i = 0.01 (=1 % roof pitch): 0.68 L/m ² /sec i = 0.02 (=2 % roof pitch): 0.97 L/m ² /sec i = 0.05 (=5 % roof pitch): 1.59 L/m ² /sec i = 0.10 (=10 % roof pitch): 2.29 L/m ² /sec i = 1 (vertical): 7.62 L/m ² /sec
Water reservoir unfilled	Approx. 5.3 L/m ²
Water reservoir filled	Approx. 1.6 L/m ²
Delivery weight	Approx. 1.8kg per panel Approx. 925kg per disposable pallet
Pack size	LxWxH: 2m x 1m x 20 mm
Quantity / delivered unit	2 m ² per panel (2 m x 1 m) 1,000 m ² per pallet
Delivery form	500 pieces per pallet (2.05m x 1.05m)



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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.