

# Canopia

## Drainage Board 40

Canopia Drainage Board 40 is made from deep-drawn recycled HDPE and is used as a water reservoir and drainage board beneath green roofs.

### INTENDED USE

As a drainage and storage board under Canopia extensive green roofs with substrate depths of up to 250mm, and simple Canopia intensive green roofs with substrate depths up to 300mm

### INSTALLATION SUMMARY

The Canopia Drainage Board 40 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 40 should be cut neatly around any roof outlets to allow future access for inspection. Canopia Drainage Board 40 should always be used in conjunction with other specified Canopia components of the green roof system.

### STORAGE

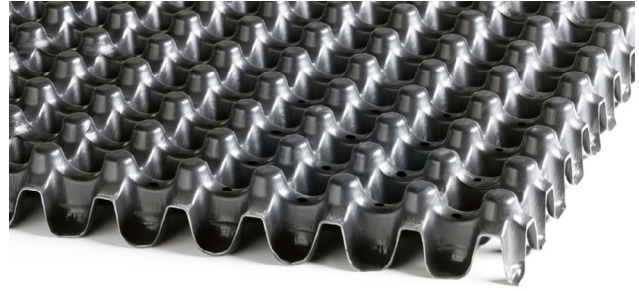
The product must be kept dry and clean prior to use.

### TECHNICAL SERVICES

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

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### PRODUCT DATA

<b>Product Code:</b>	20000985
<b>Material</b>	Recycled HDPE
<b>Nominal board depth</b>	Approx. 40 mm
<b>Weight</b>	Approx. 2,300 g/m <sup>2</sup>
<b>Colour</b>	Black / grey
<b>Max. compressive strength unfilled</b>	Approx. 144 kN/m <sup>2</sup> (EN ISO 25619-2) with 8.4 % compression
<b>Max. compressive strength filled</b>	Approx. 280 kN/m <sup>2</sup> with 10% compression and 20 mm overfilling
<b>Filling volume</b>	Small naps facing up (lettering readable): approx. 16.0 L/m <sup>2</sup>
<b>Water discharge capacity</b>	Measured at: $\sigma = 20$ kPa, soft/hard, MD, with a FIL 105 filter fleece on the upper side: i = 0.01 (=1 % roof pitch): 1.60 L/m <sup>2</sup> /sec i = 0.02 (=2 % roof pitch): 2.31 L/m <sup>2</sup> /sec i = 0.05 (=5 % roof pitch): 3.76 L/m <sup>2</sup> /sec i = 1 (vertical): 16.64 L/m <sup>2</sup> /sec
<b>Water reservoir unfilled</b>	Small naps facing up (lettering readable): approx. 8.7 L/m <sup>2</sup>
<b>Reaction to fire</b>	Construction material Class E as per 13501-1
<b>Delivery weight</b>	Approx. 4.6 kg per panel Approx. 1,405 kg per disposable pallet
<b>Pack size</b>	LxWxH: 2 m x 1 m x 40 mm
<b>Quantity / delivered unit</b>	Approx. 2 m <sup>2</sup> per panel (2 x 1 m) 600 m <sup>2</sup> per disposable pallet (2.05 x 1.05 m)



### BMI Group UK Limited

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