

Product data sheet

Item number: 152040

Drainage & water storage element CG-DWS 55

for extensive pitched green roof as drainage and water storage, slightly stabilising for approx. 5 – 20° roof pitch



Technical data

Material	EPS (expanded polystyrene)
Nominal thickness	approx. 55 mm
Weight	approx. 820 g/m ²
Filling volume	approx. 18,0 l/m ²
Compression strength unfilled (DIN EN ISO 25619-2)	approx. 54,6 kN/m ²
Water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa	at 10% slope: approx. 1,19 l/m*s at 30 % slope: approx. 2,17 l/m*s
Dimensions	Sheet dimensions: approx. 1,35 x 0,75 m (1,01 m ²) Packing size: approx. 1,35 x 0,75 x 2,35 m (L x VW x H)
Delivery form	57 panels on one-way pallet 135 x 75 cm
Delivery weight	approx. 65 kg per pallet
Storage	Dry and UV-protected



Suggested tender text:

ClimaGrün drainage & water storage element CG-DWS 55 for extensive pitched roof greening, for use as drainage and water storage, slightly stabilising for approx. 5 – 20° roof pitch with the following properties:

Material EPS (expanded polystyrene), nominal thickness: approx. 55 mm, weight approx. 820 g/m², filling volume approx. 18,0 l/m², compression strength unfilled (DIN EN ISO 25619-2) approx. 54,6 kN/m², water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa and 10% slope approx. 1,19 l/m*s, supply and install professionally.