

Product data sheet

Item number: 152010

Drainage & water storage element CG-DW 25

for extensive and slightly intensive green roofs, as well as the corresponding coverings,
with high compressive strength



Technical data

Material	HIPS (high impact resistant recycled polystyrene)
Nominal thickness	approx. 25 mm
Weight	approx. 1.360 g/m ²
Water storage capacity	approx. 11,8 l/m ²
Filling volume	approx. 13,5 l/m ²
Compression strength unfilled (DIN EN ISO 25619-2)	approx. 322 kN/m ²
Water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa	at 1% slope: 0,39 l/m*s at 2% slope: 0,57 l/m*s at 5% slope: 0,91 l/m*s
Dimensions	Sheet dimensions: approx. 2,02 x 1,10 m (2,22 m ²) Packing size: approx. 2,05 x 1,10 x 1,10 m (L x W x H)
Delivery form	250 panels on one-way pallet 110 x 205 cm
Delivery weight	approx. 780 kg per pallet
Storage	Horizontal and UV-protected



Suggested tender text:

ClimaGrün drainage & water storage element CG-DW 25 for extensive and slightly intensive green roofs, as well as the associated coverings, with high pressure resistance and the following properties:
Material recycled polystyrene (HIPS), nominal thickness approx. 25 mm, weight approx. 1,36 kg/m², water storage capacity approx. 11,80 l/m², filling volume approx. 13,5 l/m², compression strength unfilled (DIN EN ISO 25619-2) approx. 322 kN/m², water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa and 2% slope approx. 0,57 l/m*s, supply and install professionally.