



ClimaGrün

Product data sheet

Item number: 151010

Filter, drainage & protection element CG-FDS 8

for a high-performance system layer without water storage with filter, drainage and protection function for the walking surface



Technical data

Material geotextile fabric	PP (polypropylene) – PE (polyethylene)
Material dimpled sheet	HIPS (high impact recycled polystyrene)
Material separating layer	PP (polypropylene)
Nominal thickness (total)	approx. 8,0 mm
Weight (total)	approx. 695 g/m ²
Opening width O ₉₀ geotextil filter (EN ISO 12956)	approx. 0,15 mm
Static puncture resistance (EN ISO 12236)	approx. 1.500 N
Geotextile robustness class	GRC 2
Water permeability geotextil filter (EN ISO 11058)	approx. 100 l/m ² s
Compression strength (DIN EN ISO 25619-2)	approx. 450 kN/m ² at 10% compression
Water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa	at 1% slope: approx. 0,20 l/m*s at 2% slope: approx. 0,36 l/m*s at 3% slope: approx. 0,45 l/m*s
Dimensions	approx. 1,25 x 32,0 m (40 m ²) Roll width: approx. 1,25 m
Form of delivery	Loose rolls
Delivery weight	approx. 28 kg per roll
Storage	Dry and UV-protected



Suggested tender text:

ClimaGrün Filter, drainage & protection element CG-FDS 8 for a high-performance system layer without water storage with filter, drainage and protection function for the walking surface with the following properties:
Material geotextil filter PP (polypropylene) – PE (polyethylene), Material dimpled sheet HIPS (high impact resistant recycled polystyrene), Material separation layer PP (polypropylene), Nominal thickness (total) approx. 8,0 mm, Weight (total) approx. 695 g/m², Opening width O₉₀ (EN ISO 12956) approx. 0,15 mm, Static puncture resistance (EN ISO 12236) approx. 1.500 N, geotextile robustness class GRC 2, compressive strength (DIN EN ISO 25619-2) approx. 450 kN/m² at 10% compression, water permeability (EN ISO 11058) approx. 100 l/m²s, water drainage capacity (DIN EN ISO 12958) measured at $\sigma = 20$ kPa and 2% slope approx. 0,36 l/m*s, supply and lay professionally.