Product data sheet

ClimaGrün

Item number: 151020

Filter, drainage & protection element CG-FDS 12

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

Technical data

Material geotextile filter	PP (polypropylene)
Material dimpled sheet	HIPS (high impact recycled polystyrene)
Material separating layer	PP (polypropylene)
Nominal thickness (total)	approx. 12,5 mm
Weight (total)	approx. 1.281 g/m²
Opening width O_{90} geotextile filter (EN ISO 12956)	approx. 0,19 mm
Stamp penetration force geotextile filter (EN ISO 12236)	approx. 4.000 N
Geotextile robustness class geotextile filter	GRC 3
Water permeability geotextile filter (EN ISO 11058)	approx. 44 l/m²s
Compression strength (DIN EN ISO 25619-2)	approx. 800 kN/m² at 10% compression
Water drainage capacity (DIN EN ISO 12958) measured at σ = 20 kPa	at 1% slope: approx. 0,49 l/m*s at 2% slope: approx. 0,72 l/m*s at 3% slope: approx. 0,91 l/m*s
Dimensions	approx. 1.25 x 32,0 m (40 m²) Roll width: approx. 1,25 m
Form of delivery	Loose rolls
Delivery weight	approx. 52 kg per roll
Storage	Dry and UV-protected

CE

Suggested tender text:

ClimaGruen Filter, Drainage & Protection Element CG-FDS 12 as a high-performance system layer without water storage with filter, drainage and protection function for the drive surface with the following properties:
Material geotextile filter PP (polypropylene) - PE (polyethylene), Material dimpled sheet HIPS (high impact resistant recycled polystyrene), Material separation layer PP (polypropylene), Nominal thickness (total) approx. 12,5 mm, Weight (total) approx. 1.281 g/m², Opening width O_{90} (EN ISO 12956) approx. 0,19 mm, static puncture resistance (EN ISO 12236) approx. 4.000 N, geotextile robustness class GRC 3, compression strength (DIN EN ISO 25619-2) approx. 800 kN/m² at 10% compression, water permeability (EN ISO 11058) approx. 44 l/m²s, water drainage capacity (DIN EN ISO 12958) measured at σ = 20 kPa and 2% slope approx. 0,36 l/m*s, supply and lay professionally.

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