

Data Sheet



Anti-Slip Drainage Mat Type EV

Lightweight random monofilament weave with a filter fleece lining on one side for draining on flat roofs with a pitch of up to 5°; also for use as anti-slip and wind drift protection on pitched roof areas of up to 15°.



Technical details and properties:

Random weave material:	PA (polyamide)
Filter fleece material:	PA/PET
Nominal thickness of random weave:	Approx. 20 mm
Random thickness of filter fleece:	Approx. 0.5 mm
Area weight of random weave:	Approx. 400 g/m ²
Area weight of filter fleece:	Approx. 100 g/m ²
Total area weight:	Approx. 500 g/m ²
Colour:	Black/grey

Specific properties:

(Filter fleece)

Strength class:	GRC 2	
Mech. filter efficiency (Dw):	>0.06 <0.2 mm	EN ISO 12956
Tensile strength:	6.0 kN/m	EN ISO 10319
Elongation at break:	33,00%	EN ISO 10319
Puncture resistance:	1200 N	EN ISO 12236
Vertical water permeability:	200 mm/s	EN ISO 11058

Water dissipation capacity: Measured at a surface pressure of 20 kPa (kN/m²):

i = 0.1 (= 10% incline):	0,25	l/m*s
i = 1 (= vertical):	1,1	l/m*s

Delivery form:

In rolls	Roll width:	1 m
	Roll length:	50 m
	Bulk weight:	Approx. 26 kg

Quantity per delivery unit: 50 m²

Area of use:

- As a drainage mat on low-pitch roofs of up to 5° with low superimposed load
- As an anti-slip mat on saddle roofs of up to 15° RP when installed across the ridge

Installation

- As a drainage mat with fleece side up, butt joints Overlap assured through one-sided fleece overhang.
- As anti-slip and wind drift protection with the fleece facing down; lay across the ridge and fill with 6 cm max. of substrate (maintain the same lengths on each side of the ridge)

Storage:

Dry, laid flat

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigreen's technical knowledge at the time of publication. Optigreen reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. Errors and omissions excepted.