

SOPRANATURE SOPRARETENTIO MAT

TECHNICAL DATA SHEET 220826SCANE

(supersedes 200703SCANE)



VEGETATIVE SOLUTION

APPLICATIONS

ROOFS

PLAZA-DECKS

DESCRIPTION

SOPRARETENTIO MAT is a capillary mat composed of new and recycled, non-woven polyester fibers. It is made for water capture and retention in SOPRANATURE green roofs, roof gardens and plaza-decks.

INSTALLATION

Unroll the capillary SOPRARETENTIO MAT directly on the surface without overlapping the joints.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Properties	Standards	SOPRARETENTIO MAT
Dimensions	-	1.75 m x 10 m (5.7 ft x 32.8 ft)
Thickness	ASTM D5199	5 mm (197 mil)
Weight	ASTM D5261	950 g/m ² (0.19 lb/ft ²)
Tensile strength	ASTM D4632	2000 N (450 lbf)
Ultimate elongation	ASTM D4632	Min. 50%
Static puncture	ASTM D6241	900 N (202 lbf)
Capillary rise Slope : 3% Slope : 10% Slope : 15% Slope : 20%	SAGEOS GX No. 12	75 - 140 cm (30 - 55 in) 40 - 90 cm (16 - 35 in) 20 - 65 cm (8 - 26 in) 10 - 50 cm (4 - 20 in)
Water retention capacity	SAGEOS GX No. 10	5 L/m ² (0.12 gal/ft ²)

(All values are nominal)



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