

SOPRANATURE SOPRARETENTIO MODULE

TECHNICAL DATA SHEET 230502SCANE

(supersedes -)



VEGETATIVE SOLUTION
COMPLEMENTARY PRODUCT

APPLICATIONS

ROOFS

PLAZA-DECKS

DESCRIPTION

The SOPRARETENTIO MODULE is a honeycomb structure, made from recycled polypropylene, with a non-woven polypropylene geotextile heat-welded to the top. It contributes to water retention on green and blue roofs.

INSTALLATION

Place the SOPRARETENTIO MODULES with the geotextile side up. Position the modules side by side, making sure that the two geotextile overlaps are always on top of the adjacent modules.

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

PACKAGING

Specifications		SOPRARETENTIO MODULE
Dimensions	-	76.5 cm x 59.5 cm (30.1 in x 23.4 in)
Thickness	ASTM D1621	51 mm (2 in)
Weight	ASTM D5261-10	161 g/m ² (4,74 oz/yd ²)

(All values are nominal)

PROPERTIES

Properties	Standards	HONEYCOMB
Void Rate	-	> 95%
Compressive Strength	ASTM D1621	713 kPa (103 psi)
Compressive Strength 10% deformation	ASTM D1621	503.8 kPa (73.1 psi)
Deformation at Yield Point	ASTM D1621	2.2 mm
Properties	Standards	GEOTEXTILE
Thickness	ASTM D5199	0.77 mm (30 mil)
Bead Size	ASTM D4751	0.08 mm (3 mil)
Flow Rate Under 50 mm Hydraulic Head	ASTM D4491	1.47 gal US/s/ft ² (22.6 L/s/m ²)
Grab Breaking Load (MD/XD)	ASTM D4632	874/508 N (196/114 lbf)
Elongation at Break (MD/XD)	ASTM D4632	37/88 %
Puncture Resistance	ASTM D4833	426 N (95.8 lbf)

(All values are nominal)



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

TDS-SOPRARETENTIO-MODULE-Soprema-en.indd