

SOPRANATURE SOPRARETENTIO BOARD

TECHNICAL DATA SHEET 230328SCANE

(supersedes -)



VEGETATIVE SOLUTION
COMPLEMENTARY PRODUCT

APPLICATIONS

ROOFS

PLAZA-DECKS

DESCRIPTION

SOPRARETENTIO BOARD is a drainage board with water retention properties made from 100% recycled polyester. SOPRARETENTIO BOARD is used in flat or slope green roofing systems to retain a certain amount of water and channel excess to the water outlets. It can also be used on any roofs or plaza-decks that needs water management or be used as a protection board over the waterproofing membranes.

INSTALLATION

Install all the SOPRARETENTIO BOARD side by side directly on the surface making sure to leave no gaps between the boards.

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

PACKAGING

Specifications	SOPRARETENTIO BOARD
Dimensions	1 m x 1.2 m (3.3 x 4 ft)
Coverage per roll	1.2 m ² (13.2 ft ²)
Thickness	30 mm (1.18 in)

PROPERTIES

Properties	Standards	SOPRARETENTIO BOARD
Material	-	100% Recycled Polyester
Colour	-	Dark Grey
Compressive Strength <i>10% deformation</i>	ASTM D 1621	2.9 kPa (0.42 psi)
Dry Weight	ASTM E 2397	3.0 kg/m ² (0.6 lb/ft ²)
Fully Saturated Water retention	ASTM E 2397	21.6 L/m ²
Puncture Resistance	ASTM D 4833	220 N (49.5 lbf)
Flow Rate <i>at 20 kPa</i>	ASTM D 4716 Hydraulic gradient of 1.0	0,21 L/s/m (0.017 gal US/min/ft)

(All values are nominal)



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