



COMPLEMENTARY PRODUCTS

APPLICATIONS

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PLAZA DECKS

SOPRADRAIN 10-G

TECHNICAL DATA SHEET 160512SCANE

(supersedes 221214CAN1E)

DESCRIPTION

SOPRADRAIN 10-G is a high-strength drainage panel consisting of a polypropylene core with a factory-laminated geotextile for installation over waterproofing membranes in most vertical and horizontal commercial drainage applications.

Reduced structural loading: SOPRADRAIN 10-G weighs less than 1 kg/m² compared to 145 kg/m² for a 10 cm drainage layer of gravel.

Reduced thickness: SOPRADRAIN 10-G is only 1 cm thick compared to 10 cm for gravel drainage, allowing better clearance at doors and a reduction in heights of upstands and curbs.

INSTALLATION

When used in below grade applications always install SOPRADRAIN 10-G filter fabric towards backfill.

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

PROPERTIES

DRAINAGE CORE		
Properties	Standards	SOPRADRAIN 10-G
Roll Dimensions	-	1.83 m x 15.25 m (6 x 50 ft)
Gross Coverage	-	27.9 m ² (300 ft ²)
Thickness	-	10 mm (0.4 in)
Compressive Strength	ASTM D 1621	550 kPa (11 000 psf)
Maximum In-Plane Flow Rate	ASTM D 4716 (Hydraulic gradient of 1)	223 L/min/m (18 gal/min/ft)

(All values are nominal)

GEOTEXTILE PROPERTIES		
Properties	Standards	SOPRADRAIN 10-G
Apparent Opening Size	ASTM D 4751	0.21 mm
Water Flow Rate	ASTM D 4491	5690 L/min/m ² (140 gal/min/ft ²)
Grab Tensile	ASTM D 4632	450 N (100 lbf)
Grab Elongation	ASTM D 4632	50 %
Puncture Resistance	ASTM D 4833	300 N (65 lbf)

(All values are nominal)



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