



WATERPROOFING

APPLICATIONS

FOUNDATIONS

PLAZA DECKS

SOPRADRAIN 15-G

TECHNICAL DATA SHEET APTDS-E-93-01

DESCRIPTION

SOPRADRAIN 15-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 15-G** weighs 1 kg/m² compared to 145 kg/m² for a 10 cm drainage layer of gravel.

Chemical resistance: **SOPRADRAIN 15-G** is made with polypropylene. It will not deteriorate and is extremely resistant to chemical attack.

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

PROPERTIES

DRAINAGE CORE

Properties	Standards	SOPRADRAIN 15-G
Roll Dimensions	-	1.83 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	718 kPa (15 000 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 15-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)

