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## SOPRADRAIN 10-G

**Description:** *SOPRADRAIN 10-G* is a high-strength drainage panel consisting of a polypropylene core with a factory-laminated geotextile for installation over waterproof membranes to provide drainage, including green roofing and rooftop gardens such as *SOPRANATURE*.

**Advantages:** **Reduced structural loading:** *SOPRADRAIN 10-G* weighs less than 1 kg/m<sup>2</sup> compared to 145 kg/m<sup>2</sup> 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.

### Properties:

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

(All values are nominal)

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

(All values are nominal)

**NOTE:** **SOPREMA INC.** may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.