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SOPRASEAL STICK 1100

Description: SOPRASEAL STICK 1100 are self-adhesive air/vapour barrier membranes composed of SBS modified bitumen and a high density coextruded polyethylene film. This surface is ideal for sprayed polyurethane foam insulation. The self-adhesive underface is covered with a silicone release sheet.

Application temperatures: Available in "Summer Grade" for applications at temperatures above 10 °C and in "Winter Grade" for applications at temperatures between -10 °C and 10 °C.

Installation: The SOPRASEAL STICK 1100 membranes are applied directly to primed substrates.

1. Clean and dry the substrate.
2. Prime the substrate with ELASTOCOL 700 or ELASTOCOL STICK, using a brush or roller (ELASTOCOL STICK is also available in spray cans).
3. Allow the primer to dry. Primed substrate must be covered the same day.
4. Unroll, align and cut the membrane into required lengths.
5. Peel back about 150-mm of release sheet.
6. Position the membrane, apply it to the substrate continuing to peel back the release sheet.
7. When the full length of membrane is installed, press it firmly with a roller, to avoid any air pockets.

For complete information on application and systems, please consult our specification manual.

Properties:

Properties	Standards	SOPRASEAL STICK 1100
Thickness (mm)	–	1.0
Dimension (m)	–	22.9 X 0.91 (75 X 3 ft)
Gross / Net coverage per roll (m ²)	–	20.8 / 19.7 (225 / 212 ft ²)
Roll Weight (kg)	–	21 (46 lb)
Underface (complete roll)	–	Silicone release paper
Underface (pre-cut roll)	–	Silicone release plastic film
Top face	–	High density coextruded PE film
Storage	–	Upright on pallet
Tensile strength, MD/XD (kN/m)	ASTM D5147	5 / 6 (28.5 / 34.3 lb/in.)
Ultimate elongation, MD/XD (%)	ASTM D5147	500 / 300
Flexibility at cold temperature (°C)	ASTM D5147	-35 (-31 °F)
Static puncture (N)	ASTM D5602	200 (45 lb)
Tear resistance, MD/XD (N)	ASTM D5601	100 / 100 (22.5 / 22.5 lb)
Nail tear resistance, MD/XD (N)	UEATC δ - General instructions	60 / 80 (13.5 / 18 lb)
Lap adhesion (N/m)	ASTM D1876	2000 (11.4 lb/in.)
Water absorption (%)	ASTM D5147	0.1 max
Peel resistance (N/m)	ASTM D903	2800 (16 lb/in.)
Water vapour permeability (ng/Pa.s.m ²)	ASTM E96 (Procedure B)	< 0.90 (< 0.016 perm)
Air permeability (L/sec.m ²)	ASTM E283 (75 Pa)	< 0.0003
Resistance to gust wind load	ASTM E330 (3000 Pa – 10 s)	No sign of delamination nor variation in the air permeability
Resistance to sustained wind load	ASTM E330 (100 Pa – 1 h)	No sign of delamination nor variation in the air permeability

(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.