



# SOPRASEAL STICK 1100T

SELF-ADHESIVE AIR/VAPOR MEMBRANE

Order No. D14046\*

\* Individually boxed

## DESCRIPTION

SOPRASEAL STICK 1100T is a self-adhesive waterproofing membrane composed of SBS modified bitumen and a polyethylene woven composite facer. A silicone release film protects the self-adhesive underside.

SOPRASEAL STICK 1100T is available in “summer grade” for applications at temperatures above fifty degrees (50° F) Fahrenheit (10° C) and “winter grade” for applications at temperatures between twenty-five degrees (25° F) Fahrenheit (-3.9° C) and fifty degrees (50° F) Fahrenheit (10° C).

## BASIC USE & APPLICATION

Refer to SOPRASEAL STICK 1100T Guide Specification & Approved Details for specific application information.

SOPRASEAL STICK 1100T is specially designed for use as a self-adhering sheet air, vapor and rain barrier. Its primary application is on vertical walls of masonry, concrete or gypsum sheathing designed to be used as a base for Exterior Insulated Finishing Systems (EIFS). It may also be used as transition membrane at doors, windows, penetrations, etc. when used in conjunction with SOPRASEAL LM 200T LIQUID MEMBRANE.

Starting at the low point, install SOPRASEAL STICK 1100T to the primed substrate by peeling back the release film on the underside. Subsequent rolls shall be installed in the same manner and should be aligned with the preceding roll to maintain continuity. Use an approved roller and apply hand pressure over the entire surface to ensure solid adhesion to the substrate. The uppermost edge of the membrane shall be mechanically fastened to the substrate using approved fasteners and termination bars.

## FEATURES & BENEFITS

- Excellent adhesion to most substrates
- Impermeable to air and moisture vapor
- UV resistant for exposure of up to 90 days (Should not exceed 90 days)
- Superior lap adhesion and peel resistance
- Superior tensile strength and puncture resistance
- Membrane is self-healing when penetrated with fasteners or self-tapping screws
- Cold applied, no flames or kettles
- Easy to install

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



## COMPOSITION & PACKAGING

Product/ Property	SOPRASEAL STICK 1100T
Reinforcement	none
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	tri-laminate woven polyethylene
Underside	self-adhesive with release paper
Approximate Nominal Thickness	40 mils (1.0 mm)
Approximate Roll Coverage	225 ft <sup>2</sup> (19 m <sup>2</sup> )
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	75 ft (22.9 m)
Roll Width	36" (0.914 m)
Approximate Roll Weight	44 lbs (20 kg)
Rolls per Pallet*	36
* Rolls stocked upright on pallets	

### Physical Properties:

- Thickness - mils (mm)
- Dimensions - feet (m)
- Gross/Net coverage/roll - ft<sup>2</sup> (m<sup>2</sup>)
- Roll Weight - pounds (kg)
- Bottom Face
- Top Face
- Storage
- Tensile Strength, MD/XD lb/in (kN/m)
- Ultimate elongation, MD/XD (%)
- Cold Bending °F (°C)
- Static Puncture lbf (N)
- Tear Resistance, MD/XD lbf (N)
- Lap Adhesion lb/in (N/m)
- Water Absorption (%)
- Peel Resistance, lbf/ft (N/m)
- Water Vapor Permeance perm (ng/Pa · s · m<sup>2</sup>)
- Air Permeability, (L/sec · m<sup>2</sup>)
- Resistance to gust wind load
- Resistance to sustained wind load

### Standards

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- ASTM D 5147
- ASTM D 5147
- ASTM D 5147
- ASTM D 5602
- ASTM D 5601
- ASTM D 1876
- ASTM D 5147
- ASTM D 903
- ASTM E 96 (Pro. B)
- ASTM E 283 (75 Pa)
- ASTM E 330  
(3000 Pa - 10 s)
- ASTM E 330  
(100 Pa - 1 hr)

### Soprasedal Stick

- 40 (1.0)
- 75 x 3 (22.9 x 0.91)
- 225 / 212 (20.8 / 19.7)
- 46 (21)
- Silicone release film
- Tri-laminate woven polyethylene
- Upright on pallet
- 64/88 (11.3 / 15.4)
- 40 / 25
- 31 (-35)
- 90 (400)
- 84/90 (375 / 400)
- 11.4 (2,000)
- 0.1 maximum
- 16 (2,800)
- 0.016 (0.90)
- <0.0003
- No signs of delamination nor variation in the air permeability
- No signs of delamination nor variation in the air permeability

All values are nominal.