

# SENTINEL® S BONDING ADHESIVE

Solvent-Based Contact Adhesive



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PD10184 - REV 230428

## PRODUCT NUMBERS:

- A101 - 5 Gal (18.9 L) Pail

## DESCRIPTION & FEATURES:

**SENTINEL S BONDING ADHESIVE** is a solvent based contact adhesive specially designed for adhering bare-backed SENTINEL PVC membranes and flashings to a variety of substrates for horizontal or vertical applications.

- High strength adhesive with quick bonding characteristics
- Suitable for use on a variety of substrates, including approved insulations and coverboards, wood, concrete, and light-weight concrete
- VOC compliant — meets stringent EPA air quality standards with low fumes

## APPLICATION:



ROLLER

Thoroughly mix **SENTINEL S BONDING ADHESIVE** prior to application. **SENTINEL S BONDING ADHESIVE** is applied using a 3/8 in nap, solvent resistant roller. Apply the **SENTINEL S BONDING ADHESIVE** to both the substrate and back of the SENTINEL membrane. Allow **SENTINEL S BONDING ADHESIVE** to partially dry before bonding membrane to substrate (approx. 5 - 10 minutes). Adhesive should feel tacky to-the-touch, but not transfer to the finger or string when touched. Install SENTINEL membrane and broom into place.

Refer to the SOPREMA PVC Membrane Roofing Technical Manual for complete application guidelines.

## STORAGE:

Store the container in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. **SENTINEL S BONDING ADHESIVE** is a combustible material and should be kept away from open flames and other possible ignition sources during storage and use. Storage temperature range should be between 60°F (15.6°C) and 80°F (26.7°C). Approximate shelf life is 12 months from the date of manufacture when properly stored and sealed.

## LIMITATIONS

Adequate surface preparation is the key to proper adhesion. Ensure application surface is clean, dry and free of debris prior to application.

Ambient and surface temperatures must be between 40 - 120°F (4.4 - 48.9°C). Do not attempt application if ice, snow, moisture or dew are present.

## TESTING & APPROVALS:



FLORIDA BUILDING CODE



NOA # 20-0825.11



LARR # 26102

## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.



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## TECHNICAL INFORMATION & TESTING:

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM TEST METHOD
<b>Technology</b>	Proprietary blend of synthetic polymers, solvents	-
<b>Color</b>	Amber	-
<b>Viscosity, cps</b>	1,800-2,400	D4402
<b>Coverage,* gal/100 ft<sup>2</sup> (L/m<sup>2</sup>)</b>	60 (1.5)	-
<b>Flash point, °F (°C)</b>	1.4 (-17)	D92
<b>Non-volatile contents (total solids), %</b>	24 ± 1	D2369
<b>Application temperature, °F (°C)</b>	40-120 (4.4 -48.9)	-
<b>Storage temperature, °F (°C)</b>	60 - 80 (15.6- 26.7)	-
<b>Drying time @ 72°F (50% RH), min</b>	60	-
<b>Shelf life, months</b>	12	-
<b>VOC content, g/L</b>	< 200	D2369

\*Calculated for a two-sided application (120 sq ft of coverage per surface application)

Data is represented by average values, unless noted otherwise.