

SENTINEL® H2O BONDING ADHESIVE

Water-Based Adhesive



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PD10182 - REV 230428

PRODUCT NUMBERS:

- A102 - 5 Gal (18.9 L) Pail

DESCRIPTION & FEATURES:

SENTINEL H2O BONDING ADHESIVE is a water-based polymeric adhesive specially designed for adhering SENTINEL PVC membranes to a variety of substrates for horizontal applications.

- High strength adhesive with quick bonding characteristics
- Compatible with both bare-back and fleece-backed PVC membranes
- One-sided, wet lay-in application saves time and labor
- VOC compliant — meets stringent EPA air quality standards with low fumes

APPLICATION:



ROLLER

Thoroughly mix **SENTINEL H2O BONDING ADHESIVE** prior to application. Apply **SENTINEL H2O BONDING ADHESIVE** to the substrate using a 3/8 in nap roller. Apply SENTINEL membrane while substrate is still wet and broom into place.

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

STORAGE:

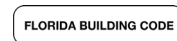
Store the container in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 60°F (15.6°C) and 80°F (26.7°C). Approximate shelf life is 12 months 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.

Only apply when the ambient and substrate temperature will be above 50°F (4°C) and rising for 48 hours. Do not attempt application if ice, snow, moisture or dew are present.

TESTING & APPROVALS:



NOA # 20-0825.11



LARR # 26102

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.



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TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES		
BARE-BACKED MEMBRANES gal/ft ² (L/m ²)	FLEECE-BACKED MEMBRANES gal/ft ² (L/m ²)	
140 - 180 (3.4 - 4.4)	100 - 120 (2.5 - 2.9)	
*		
PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM TEST METHOD
Technology	Water-based polymer emulsion	-
Color	White	-
Viscosity, cps	10,000 - 16,000	D4402
Flash point, °F (°C)	195.9 (91.1)	D92
Non-volatile contents (total solids), %	52 ± 3	D2369
Application temperature, °F (°C)	50-120 (10 - 48.9)	-
Storage temperature, °F (°C)	60 - 80 (15.6- 26.7)	-
Drying time @ 72°F (50% RH), hr	3	-
Shelf life, months	12	-
VOC content, g/L	< 180	D2369

Data is represented by average values, unless noted otherwise.