

MAPEPLAN® P SB

SOLVENT-BASED BONDING ADHESIVE

PRODUCT DESCRIPTION

Mapeplan P SB is a contact-type bonding adhesive designed for bonding PVC membranes and flashings to horizontal and vertical roof substrates. The adhesive is formulated to provide strong bonding performance while meeting VOC restrictions and regulations. Mapeplan P SB is intended for use with Mapeplan PVC membranes and flashings and is not for use with Mapeplan PVC FB membranes.

TYPICAL APPLICATIONS

- Bonding standard (non fleeceback) Mapeplan PVC roofing membranes
- Bonding standard (non fleeceback) Mapeplan PVC flashings
- Horizontal and vertical membrane applications

FEATURES AND BENEFITS

- High initial tack
- Excellent green strength
- Fast-drying solvent system
- Easy application by brush, roller, or spray
- Contains no chlorinated solvents
- Excellent heat resistance

TECHNICAL DESCRIPTION

Property	Typical Value
Base	Synthetic Polymer
Color	Natural
Coverage	60 ft ² /gallon – bonded
Weight / Gallon	7.4 lb
Shelf Life	1 year unopened
Flash Point	< 0°F (< -18°C)
VOC Content	199.4 g/L
Open Time	60 – 90 minutes
Dry Time	5 – 10 minutes
Application	Roller, Brush or Spray

APPLICATION INSTRUCTIONS

Preparation

- Use only after carefully reviewing all warnings, directions, and first aid instructions provided.
- Apply adhesive only to Mapeplan P membrane and substrates that are clean, dry, and free of debris, dust, grease, oil, or other contaminants.

Adhesive Application

- Apply adhesive to both the membrane and the substrate at a rate of approximately 120 ft²/gal (2.9 m²/L) per surface, sufficient to bond 60 ft² (5.6 m²) of membrane in place.
- Coverage rates may vary depending on the porosity and condition of the substrate. Consult Polyglass Technical Services for recommended coverage rates for specific substrates.
- Apply adhesive using a solvent-resistant 3/8" (10 mm) medium nap roller.
- Apply adhesive in a smooth, uniform coat, avoiding excessive buildup or puddling.



PRODUCT DATA

Net Coverage 60 ft²/gal
 Packaging 5 gallon pail, 45 pails/palle

APPLICABLE STANDARDS

- UL Classified
- FM Approved
- Florida Building Code



PRODUCT CODES

- 6746119

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Bonding

- Allow the adhesive to partially dry (approximately 5–10 minutes) until it reaches a tacky state.
- Surfaces are ready for bonding when the adhesive feels tacky but does not transfer to the back of a clean, dry finger when lightly touched.
- Carefully mate the membrane to the substrate while avoiding air entrapment and wrinkles.
- Immediately apply pressure using a roller or push broom, working from the center toward the edges to ensure complete and uniform bonding.

Temperature Requirements

- Apply adhesive only when the ambient temperature is at least 50°F (10°C) and rising.

Not for use with fleecback membranes.

For Professional or Industrial Use Only

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

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Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data and warranty information, visit www.polyglass.us.

