

MAPEPLAN® P WB

WATER-BASED BONDING ADHESIVE

PRODUCT DESCRIPTION

Mapeplan P WB is a polymeric water-based adhesive designed for bonding Mapeplan PVC membranes and Mapeplan PVC FB membranes to horizontal and vertical substrates. The adhesive is formulated to provide strong bonding performance while meeting VOC restrictions and regulations.

TYPICAL APPLICATIONS

- Bonding Mapeplan PVC roofing membranes
- Bonding Mapeplan PVC FB membranes
- Horizontal and vertical membrane applications

FEATURES AND BENEFITS

- Low VOC (<250 g/L)
- Water-based formulation
- High initial tack
- Compliant with Ozone Transport Commission (OTC) regulations
- Compliant in all California Air Districts
- Superior heat resistance
- Single-surface application

TECHNICAL DESCRIPTION

Property	Typical Value
Color	White
Viscosity	8,400 cP – 14,400 cP
Shelf Life	1 year, unopened
Total Solids	52% ± 4%
Weight / Gallon	8.99 lb
VOC Content	179 g/L
Open Time	Up to 3 hours



PRODUCT DATA

Net Coverage

Smooth PVC..... 140 – 180 ft²/gal

Fleeceback PVC..... 100 – 120 ft²/gal

Packaging 5 gallon pail, 45 pails/pallet

APPLICABLE STANDARDS

- UL Classified
- FM Approved
- Florida Building Code



PRODUCT CODES

- 6746219

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APPLICATION INSTRUCTIONS

Preparation

- Use only after carefully reviewing all warnings, directions, and first aid instructions provided.
- Ensure the substrate surface is clean, dry, and free of debris.

Adhesive Application

- Apply adhesive to the substrate surface only.
- Apply at a rate of approximately 140–180 ft²/gal (3.4–4.4 m²/L) for smooth membranes and 100–120 ft²/gal (2.4–2.9 m²/L) for fleeceback membranes.
- Coverage rates will vary depending on the porosity and condition of the substrate.
- Apply adhesive using a solvent-resistant ¾" (10 mm) medium nap roller.

Bonding

- Mate the membrane to the substrate while the adhesive is still wet, avoiding air entrapment and wrinkles.
- Apply pressure using a push broom or heavy roller to ensure complete and uniform bonding.

Temperature Requirements

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

Storage

- Protect product from freezing.
- Do not store below 40°F (4°C).

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.

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