

WeatherBond

Acrylic Water-Based Bonding Adhesive



Overview

WeatherBond Acrylic Water-Based Bonding Adhesive is a unique synthetic bonding adhesive specifically formulated to replace comparable solvent-based adhesives in the RV, Modular and Commercial Roofing industries. It exhibits excellent adhesion to EPDM membrane.

Intended Uses

Acrylic Water-Based Bonding Adhesive is used to bond EPDM roofing membrane to various underlayments.

Features and Benefits

- UL and FM approved
- Solvent free
- High solids
- Repositionable (wet lay in only)

Application

General Use Recommendations

Surfaces must be clean and free of grease, dirt, oil, water and other contaminants before applying adhesive. If surface is contaminated, clean with splice cleaner or other solvent cleaner prior to use. Intimate contact of the bonding surfaces must be made with a broom or weighted roller immediately after lamination. Lamination onto one porous surface will allow for some repositionability. The membrane must be repositioned prior to the adhesive taking set.

Non-Porous Surfaces (Isocyanurate to EPDM membrane)

It must be used as a two-sided contact adhesive when contacting two non-porous surfaces. Apply approximately 5–6 wet mils to both surfaces and allow to dry. This will be evident when the adhesive turns transparent. The membrane can then be folded over onto the insulation. Coverage approximately 100–120 sq. ft./gallon.

Porous Surface (Fiber board, OSB or CDX plywood to membrane)

It can be used as a one-way wet “lay in” when used in conjunction with at least one porous surface, like wood fiberboard. Apply 10–12 wet mils to the insulation board with a roller, spray or squeegee. Immediately lay the membrane into the adhesive while wet, periodically lifting the membrane insuring that the membrane has received a transfer coat of adhesive. If the product has turned transparent, it has begun to take set and requires a thin coat of adhesive to be applied to the membrane also. (Coverage approximately 100–120 sq. ft./gallon)

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC APPLICATION REQUIREMENTS.

Precautions

1. Consult Safety Data Sheet prior to use.
2. Product should not be used after freezing.
3. Keep container closed when not in use. Do not store below 50°F.
4. Product should not be stored in direct sunlight.
5. For best performance, apply the adhesive above 50°F.

Typical Properties and Characteristics

Property	Results
Color	White when wet; clear when dry
Viscosity	16,000 cps at 77°F
Total Solids	59%
pH	6.5
Average Net Weight	8.15 lbs/gal
Flash Point	None
Shelf Life	1 year in an unopened container when stored at temperatures between 50°F and 90°F.

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

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