

Hydrotech® Bonding Adhesive - Low VOC



BUILDING TRUST



formerly known as Bonding Adhesive - Low VOC

GENERAL DESCRIPTION

A general purpose, synthetic polymer based contact bonding adhesive, with a long tack time for easy construction assembly. It has a high resistance to aging and heat; it is fast drying with excellent green strength; and it is compliant under provisions of the OTC Model Rule.

BASIC USE

Specifically designed to bond Hydrotech's Flex-Flash UN (uncured neoprene) flashing membrane to an acceptable substrate (i.e. wood, metal, concrete). Should never be used to seal seams/laps.

APPLICATION

- Stir the Bonding Adhesive thoroughly before and during use.
- The mating surfaces of the Flex-Flash UN and substrate must be clean and free of any contaminants.
- Apply the Bonding Adhesive with a brush or roller. Coat both surfaces completely and evenly, avoiding globs and puddles, at a rate of 50-70 square feet per gallon on each surface (2 - 2 1/2 dry mils coated both sides).
- Allow both membrane surfaces to dry, typically 20-30 minutes depending on ambient temperature and humidity. When adequately dry the Bonding Adhesive should not stick or string-up to a dry finger touch.
- Mate the coated surfaces and apply positive pressure with a steel hand roller or broom to insure 100% adhesion.
- The minimum recommended application temperature is 40 °F or higher. Applying in temperatures below 40°F will extend the drying time and potentially cause condensation of water on the adhesive film, ultimately producing lower bond strengths.

CAUTIONS

FLAMMABLE LIQUID!

Do not use near open fire or flame and extinguish all smoking materials. Use only in well ventilated areas. Avoid prolonged breathing of vapors and contact with skin. Ground 5 gallon metal pails when material is transferred.

A Material Safety Data Sheet is available upon request.

DOT Label required: Flammable Liquid UN 1133

PRODUCT INFORMATION

- 5 - gallon pail
- Weight - 41lbs (5-gal pail)
- Shelf life 12 months (unopened and stored between 60 °F - 80 °F)

Adhesives and primers should be stored in locations where temperatures are between 60°F and 80°F. While working with adhesives, they should be rotated in hot boxes to ensure the temperature of the product stays above 40°F. Adhesives may appear gelled or lumpy when left for extended periods of time at temperatures below 40°F. If this occurs, return the material to room temperature for a minimum of 24 hours prior to use.



TECHNICAL DATA

PROPERTY	RESULTS
VISCOSITY	2,500 cps (± 500) Brookfield RVT Spindle No. 3 @20 rpm
SOLID CONTENT	25% (± 1)
SPECIFIC GRAVITY	0.912
SHELF LIFE	12 months, unopen stored at 60 °F - 80 °F

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Ashland, OH
Extraction/Harvesting Location		Ashland, OH

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