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Product Data Sheet

Solvent Based Bonding Adhesive for use on both TPO and EPDM membrane

Description:

This newly formulated Solvent Based Bonding Adhesive will work to adhere both *BRITE-n-EZ™ TPO* and *RUBBERALL® EPDM* to ridged board insulations without a foil facer, plywood, OSB, concrete, block or brick. This adhesive may not be used on any form of polystyrene insulation (bead board, pink or blue board) as the adhesive will soften the board surface and not provide adequate adhesion. This yellow colored adhesive comes in 1-gallon cans or 5-gallon pails. Average coverage is 60 sq. ft. per gallon total roof area when applied to both surfaces. Coverage may increase depending on the porosity of the substrate.

Physical Properties:

PROPERTY	PHYSICAL PROPERTIES
Color	Yellow
Hazardous Components	Naphtha (CAS 64741-84-0) Toluene (CAS 108-88-3) Acetone (CAS 67-64-1) Textile Spirits (CAS 110-54-3)
VOC	4.05 lbs / gal.
Solvent Content	78%
Specific Gravity	.825 ± .02 (H ₂ O = 1)
Flash Point	-18° C (0° F)
Weight	6.87 lbs / gal.

Installation:

1. Stir constantly, keeping product above 50° F. (If freezing occurs, slowly bring product to room temperature before use.)
2. Substrate surface should be dry, clean, free from dirt, loose material, water, oil, grease and other contaminants.
3. Apply adhesive with solvent resistant roller or brush (short-bristle) to underside of TPO / EPDM membrane and surface to be bonded at the rate of approximately 60 sq ft per gallon of adhesive. Coverage is dependant upon ambient temperature and substrate surface. Porous substrate surfaces may require additional adhesive.
4. Apply a thin even coat to both surfaces. Avoid puddles and globs.
5. Use finger push test to make sure both adhered surfaces are flashed off.

6. Mate both surfaces in a rolling action and apply stiff broom pressure to insure 100% adhesion.
7. Note: Puddles or globs of glue with some types of insulation and asphalt substrates will entrap glue vapors causing swelling of membrane and compromise adhesion. If this occurs –
 - a. Pull back membrane to dry.
 - b. Replace, remove, or re-adhere substrate.
 - c. Rebond membrane.

Product Data:

Available Sizes: 1 gallon and 5 gallon

Carton Size: 4 (four) – 1 gallon cans per container
5 gallons pails sold separately

Storage: Store in cool, dry well ventilated facility. Store and use away from all sources of direct heat and ignition. Protect against electrostatic charge. Keep containers closed when not in use. When exposed to freezing temperatures, restore to room temperature prior to use.

Shelf Life: Shelf life of 12 months can be expected when stored at temperatures no higher than 90° F in original unopened carton. Shelf life will be shortened if exposed to elevated temperatures. Rotate stock.

Precautionary Data:

Highly flammable mixture. Keep ignition sources away, do not smoke. Product may be irritating to skin and is harmful by inhalation. Wear chemical splash goggles and solvent impervious gloves.

For professional/industrial use only.

Warning – This product contains a chemical known to the State of California to cause cancer, birth defects and other reproductive harm.