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PERMAWELD TPO BONDING ADHESIVE

PRODUCT DATA SPECIFICATION

TYPICAL PHYSICAL PROPERTIES

Base	Neoprene
Color	Amber
Solids – Weight. %	24.50%
Viscosity, cps	2000-3000
Brookfield RVT No. 3 @ 10 rpm	
Specific Gravity	0.845
Weight per Gallon	7.5292 lbs.
Shelf Stability	9 months

DESCRIPTION AND USES

ERSystems Permaweld TPO Bonding Adhesive is a Neoprene based adhesive designed for installation of partially or fully adhered heat-welded TPO Membrane Roofing Systems. It is specifically used to bond heat-welded membranes to insulation board, wood, metal, masonry and other approved roof substrates.

SPECIAL CHARACTERISTICS

- Fast drying
- Good open time
- Plasticizer resistant
- Applied over wide temperature range
- Excellent long term durability
- Excellent heat resistance and great strength

PACKAGING

Packaging is standard in 5 gallon pails.

DOT Label Required: Flammable Liquid

PREPARATION

All substrate or surfaces where TPO Bonding Adhesive is to be applied must be clean, smooth, dry, free of sharp points, edges, loose and foreign materials, oil, grease, and other contaminants.

APPLICATION

Stir Permaweld Bonding Adhesive thoroughly before use. Apply the adhesive by roller or mechanical sprayer to the substrate. Apply adhesive evenly, completely coating both surfaces and avoiding globs and puddles. It must be allowed to dry on both surfaces until it does not stick or string to the touch of a dry finger. This requires an open time of approximately fifteen (15) to thirty (30) minutes depending on ambient air temperatures. Next, mate the two surfaces and broom or apply pressure with a heavy roller to assure contact of all bonding areas. **DO NOT ALLOW THE ADHESIVE ON THE MEMBRANE TO DRY COMPLETELY!**

COVERAGE

Approximate coverage of Permaweld TPO Bonding Adhesive is 60 to 70 square feet per gallon (coverage rate will vary depending on the porosity of the substrate).

RECOMMENDED STORAGE

Store indoors, out of direct sunlight in original unopened containers between 60°F and 80°F. Shelf life of unopened containers is approximately nine months. Always rotate stock.

CLEAN-UP

Toluene, Toluol, or MEK Solvent

CAUTION!!!!

FLAMMABLE!! FOR PROFESSIONAL USE ONLY. Keep out of reach of children. Use only in well ventilated areas. Avoid prolonged contact with skin. Keep away from fire and open flames during storage and use. Do not smoke while using.

WARRANTY

IMPORTANT: While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ERSystems' sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**PRIOR TO USE OF THIS MATERIAL, READ ALL
APPROPRIATE MATERIAL SAFETY DATA
SHEETS.**