

TPA LV Single Ply Bonding Adhesive

A Low VOC Adhesive Used with the TPA Single Ply Membrane

Composition:

TPA LV Single Ply Bonding Adhesive is a low VOC asbestos free solvent based adhesive.

Basic Uses:

TPA LV Single Ply Bonding Adhesive is used to adhere TPA membrane (non-fleece only) to approved substrates.

Limitations:

- Do not apply when ambient or material temperature is below 40°F (4°C).
- Not for use with fleece back membranes
- Do not apply directly to EPS insulation, both expanded and extruded polystyrene

Grade:

Roller/brush, solvent resistant

Mixing:

Mix thoroughly before use.

Clean Up:

Toluene

Packaging:

Available in 5 gallon (19 L) containers.

Storage Life:

One year when stored indoors in unopened containers at temperatures between 60°F and 80°F.

Installation Procedures:

According to job specifications, prepare the surface to be covered:

- Replace areas of wet insulation and deteriorated wood components.

Product Advantages	
Features	Benefits
High initial tack	• Easy application: brush, roller, or spray
Excellent green strength	• Contains no chlorinated solvents
Fast drying solvent system	• Excellent heat resistance

- Surfaces to receive TPA LV Bonding Adhesive must be clean, dry, and free from oil, grease, or other contaminants.

Application to vertical surfaces:

Position TPA membrane in intended location and fold back. Apply TPA LV Single Ply Bonding Adhesive in full coverage to both the vertical substrate and to the back side of the flashing membrane. Allow adhesive to dry to the touch (Until it does not transfer to a dry finger touch – approximately 5 to 10 minutes). Place the membrane into the adhesive and pressure roll to assure positive contact.

Application to horizontal surfaces:

Apply TPA LV Single Ply Bonding Adhesive to the substrate and the backside of the field membrane in full coverage and allow adhesive to become tacky before rolling the TPA Single Ply Membrane into place. Do not allow the TPA LV Single Ply Bonding Adhesive to fully dry prior to rolling membrane into adhesive. Roll the membrane into the adhesive using a 75-pound roller to remove wrinkles and assure positive contact with the substrate. Minimize foot traffic on freshly applied TPA LV Single Ply Membrane until adhesive is fully cured.

Do not allow TPA LV Single Ply Bonding Adhesive to contaminate TPA membrane and flashing lap areas. Heat weld overlap seams of TPA flashing and field membrane.

Coverage Rates:

Will vary based on substrate porosity. Typical coverage rate is 120 square feet per gallon per surface.

Precautions:

Use TPA LV Single Ply Bonding Adhesive with adequate ventilation. User must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TREMCO

Roofing & Weatherproofing Peace of Mind™

Availability and Cost:

Contact your local Tremco Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000

Maintenance:

Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

Guarantee/Warranty:

Tremco Inc. warrants TPA LV Single Ply Bonding Adhesive to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any TPA LV Single Ply Bonding Adhesive product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY. All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

Statement of Policy and Responsibility:

Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability

Physical Performance Characteristics		
TPA LV Single Ply Bonding Adhesive		
Property	Typical Value	Test Method
Weight/Gallon	7.08 lbs.	ASTM D244
VOC content	<200 g/L	ASTM D3960

for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.



3735 Green Road
Beachwood, OH 44122
216-292-5000

220 Wicksteed Ave
Toronto, ONT M4H 1G7
416-421-3300