

TremPly® KEE LV Bonding Adhesive

A low VOC adhesive for bonding TremPly KEE membranes to horizontal and vertical surfaces



DESCRIPTION

TremPly KEE LV Bonding Adhesive is a Nitrile/PVC polymeric adhesive. It dries quickly, so proper planning, placement and care are necessary to ensure appropriate adhesion, especially when the air is humid.

TremPly KEE LV Bonding Adhesive complies with all air quality districts in California and other regulated areas, making it the most environmentally friendly, solvent-borne adhesive available in the USA.

BASIC USES

This adhesive is used to bond TremPly KEE membranes to approved horizontal and vertical substrates; do not use with TremPly KEE FB membranes.

TremPly KEE LV Bonding Adhesive is listed/approved for use with specific TremPly Roofing Systems by FM Global and Underwriters Laboratories.

APPLICATION

The substrate must be smooth, dry, and free of debris or other irregularities; outside air temperature must be 40°F (4.4°C) and rising while the adhesive is being applied. Approved substrates include wood, metal and for flashing (vertical) applications, and pre-approved polyisocyanurate insulation, approved gypsum based coverboards and approved base sheets for horizontal roofing applications.

Spray or roll a smooth, even coat of TremPly KEE LV Bonding Adhesive over the exposed, pre-positioned bottom of the TremPly KEE membrane and also over the area of the substrate it will match. Coverage is approximately 50 ft² per gallon (1.2 m²/ liter) -- 45 ft² per 1/2 gallon to the substrate (1.1m²/ 1/2 liter) and 55 ft² per 1/2 gallon (1.3 m²/1/2 liter) to the membrane. While the surface's porosity and smoothness will affect the actual coverage rate, it is critical to ensure 100% coverage.

Let the solvents dissipate so that the adhesive becomes sticky but not stringy to the touch, then carefully maneuver the glued portion of the TremPly KEE membrane onto the glued substrate and broom or roll the membrane in place.

The application information provided in this data sheet serves as general guidance. Please refer to Tremco application guides and project specific specifications or consult with your local Tremco Roofing sales representative for project specific application requirements. Refer to the Safety Data Sheet (SDS) for material precautions.

PHYSICAL PROPERTIES

| PROPERTY | TYPICAL VALUE |
|---------------------|--|
| Application | Brush, roller or spray |
| Color | Amber |
| Coverage | 50 ft ² /gal. (1.2 m ²) of bonded surface |
| Open/Cure Time | 10 - 30 min./complete cure in 28 days |
| Shelf Life | 1 Year |
| Solid Weight | 20% ± 2% |
| Storage | Closed container/between 50° and 80°F |
| Viscosity | 18,000 - 24,000 cps |
| V.O.C. | 199 gm/L |
| Wt. Gal. | 7.4 lbs (0.9 kg/liter) shipped in 5 gal. pails |
| Working Temp. Range | 40°F and rising/up to 90°F |

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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.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

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 service of the Tremco Service Staff.



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