

TECHNICAL INFORMATION SHEET

PVC LVOC Bonding Adhesive

Item Description
5-gallon Pail

Item Number
W56PAU5105



Product Information

Description:

Firestone PVC LVOC Bonding Adhesive is a bonding adhesive designed for bonding Firestone PVC membranes and flashings to wood, metal, masonry and other acceptable substrates.

Method of Application:

1. Surfaces to receive Firestone PVC LVOC Bonding Adhesive must be clean, smooth, dry, and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. Sweep the mating surface of the membrane with a stiff broom to remove excess dusting agent, if present, and remove other contaminants from the mating surface. Substrate and ambient temperatures shall exceed 40 °F (4 °C) and rising before applying PVC LVOC Bonding Adhesive.
2. Stir the adhesive thoroughly before and during use, achieving a uniform mix with no sediment on the bottom and no marbling evident.
3. Apply adhesive at about the same time to both the membrane and the substrate to allow approximately the same flash-off time.
4. Using a 3/8" nap x 9" (9.5 mm nap x 229 mm) wide solvent resistant paint roller, apply the adhesive evenly on mating surfaces, avoiding globs or puddles.
5. Care must be taken not to apply Firestone PVC LVOC Bonding Adhesive over any area that is to be later cleaned and spliced to another sheet or flashing.
6. Allow adhesive to partially dry until pushing on the adhesive at an angle with a clean dry finger reveals no movement within the adhesive layer, and that the adhesive layer is solid (max. 60 minutes). If this 'push test' reveals movement within the adhesive layer, the adhesive is not ready to be mated. Flash-off time may vary significantly depending on ambient air conditions.
7. Starting at the fold, roll the adhesive coated portion of the sheet into the adhesive coated substrate slowly and evenly to minimize wrinkles. To ensure mating of the membrane to substrate, broom the top of the mated membrane with a stiff push broom immediately after mating membrane to substrate.

Storage:

- Store in original unopened containers at temperatures between 60 °F (16 °C) and 80 °F (27 °C) until ready for use. If exposed to lower temperatures, restore to room temperature prior to use. Keep out of direct sunlight.
- Product must be used within four hours of transport to the roof. Return unused material to warm storage for a minimum of 24 hours.
- For optimum results, rotate your stock to ensure stored material has not exceeded the shelf life of one year.
- Shelf life of one year can be expected if stored in original sealed container at temperatures between 60 °F (16 °C) and 80 °F (27 °C) in a cool, well-ventilated area. Shelf life will be shortened if exposed to elevated temperatures.

Coverage Rate:

50 – 60 ft²/gal (1.23 – 1.5 m²/L) shall be obtained depending on the substrate. Some surfaces are more uneven and porous and will result in a lower coverage rate while smooth, non-porous substrates may result in higher coverage rates. Rates are based on roller application to both mating surfaces.

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Precautions:

- Review Safety Data Sheet (SDS) prior to use.
- Flammable. Keep away from fire and open flame and other possible ignition sources during storage and use. Do not smoke when using.
- Harmful or fatal if swallowed.
- Avoid prolonged inhalation.
- Avoid prolonged contact with skin. Gloves should be worn (OSHA approved).
- Avoid eye contact by wearing safety goggles with side shields.
- Thinning is not allowed.
- Do not use for splicing.
- Do not use with PVC XR membranes.
- Use only in well ventilated areas.
- Cover tightly when not in use.

LEED® Information:

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Rockland, MA

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



Typical Properties

Property	Typical Performance
Base	Synthetic polymer
Color	Natural
Solvents	Ketone Blend
Solids by Volume	23% - 28%
Viscosity	1650 - 2400 cPs, R.V.T. Brookfield, #3 Spindle @ 20 RPM
Weight	7.1-7.7 lb/gal
Specific Gravity	0.852-0.924
V.O.C. Content	< 1.67 lb/gal (200 g/L)

Product Packaging

Pail	5 gal (19 L)
Weight per Pail	Approx. 41 lb (18.6 kg)
Pails per Pallet	45
Weight per Pallet	1,845 lb (837.6 kg)

Please contact Firestone Technical Services at 1-800-428-4511 for further information.

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