

TECHNICAL INFORMATION SHEET

PVC Bonding Adhesive

Item Description
5-gallon Pail

Item Number
W56PAU5005



Product Information

Description:

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

Method of Application:

1. Surfaces to receive Firestone PVC Bonding Adhesive must be clean, smooth, dry, and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. Use a blower or stiff broom to aid in removing contaminants from the mating surfaces.
2. Substrate and ambient temperatures shall exceed 40 °F (4.4 °C) and rising before applying PVC Bonding Adhesive.
3. Stir the adhesive thoroughly before and during use, achieving a uniform mix with no sediment on the bottom and no marbling evident.
4. Apply adhesive at about the same time to both the membrane and the substrate to allow approximately the same flash-off time.
5. Using ¼" to ½" (6 mm to 12 mm) nap, solvent resistant paint roller, apply the adhesive evenly on mating surfaces, avoiding globs or puddles.
6. Care must be taken not to apply Firestone PVC Bonding Adhesive over any area that is to be later spliced to another sheet or flashing.
7. Allow adhesive to flash-off until tacky. Touch the PVC Bonding Adhesive surface with a clean, dry finger to be certain that the adhesive is dry and does not stick or string. While pushing straight down, also push forward on the adhesive at an angle to ensure that the adhesive is ready throughout its thickness. If either motion exposes wet or stringy adhesive when the finger is lifted, then it is not ready for mating. Flash-off time will vary depending on ambient conditions.
8. Starting at the fold, roll the adhesive coated portion of the sheet into the adhesive coated substrate slowly and evenly to maintain positioning and minimize wrinkles.
9. Immediately apply heavy downward pressure to the installed membrane with a stiff bristled push broom to assure proper bonding of the membrane to substrate.

Storage:

- Store in original unopened containers at temperatures above 40 °F (4.4 °C) until ready for use. If exposed to lower temperatures, restore to room temperature for at least three days prior to use. Keep out of direct sunlight.
- In cooler weather, product must be used within four hours of transport to the roof.
- 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 - 80 °F (16 - 27 °C) in a cool, well-ventilated area. Shelf life will be shortened if exposed to elevated temperatures.

Coverage Rate:

50 – 70 ft²/gal (1.23 – 1.7 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 permitted and will affect adhesive performance.
- Do not use for splicing.
- Do not use with Firestone PVC XR membranes.
- Use only in well ventilated areas.
- Cover tightly when not in use.
- Metal containers should be grounded and /or bonded when material is transferred.

LEED® Information:

Post-Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Columbus, HO
 *NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



Typical Properties

Property	Typical Performance
Base	Neoprene
Color	Amber / Yellow
Solvents	NAPHTHA (PETROLEUM), LIGHT ALIPHATIC
Solids by Volume	23.5% minimum
Viscosity	2000 - 3000 cPs, R.V.F. Brookfield, #3 Spindle @ 20 RPM
Weight	7.28 lb/gal
Specific Gravity	0.87
V.O.C. Content	< 4.25 lb/gal (510 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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