

# Technical Information Sheet

Image Coming Soon

## PVC Water Based Bonding Adhesive

Item Description	Item Number
5-gallon Pail	W56PAC3001

### Description

Elevate PVC Water Based Bonding Adhesive is designed to adhere Elevate PVC, PVC XR, PVC KEE XR, MAX PVC and MAX PVC XR membranes and flashings to wood, metal, masonry, and other acceptable substrates. Elevate PVC Water Based Bonding Adhesive is not intended for use with Elevate PVC KEE non-fleece backed membrane.

### Method of Application

1. Surfaces to receive Elevate PVC Water Based 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. The minimum application temperature for PVC Water Based Bonding Adhesive shall exceed 50 °F (10 °C) and rising. Do not attempt to use PVC Water Based Bonding Adhesive when there is a possibility of freezing temperatures within 48 hours after application.
3. Stir the adhesive thoroughly before and during use to achieve a uniform mix with no sediment on the bottom and no marbling evident.
4. Using a  $\frac{3}{8}$ " (9.5 mm) nap, solvent resistant paint roller, apply adhesive evenly on mating surface(s), avoiding globs or puddles.
5. For horizontal application, apply PVC Water Based Bonding Adhesive to substrate only. Do not apply PVC Water Based Adhesive directly to PVC or PVC XR membranes on horizontal surfaces.
6. For Elevate PVC membranes (maximum 1:12 slope): Adhesive should be partially dried to a "wet" surface tack prior to bonding membrane (approximately 5-8 minutes of open time). Open time will vary according to weather conditions. Roll membrane onto adhesive coated surface avoiding air entrapment.
7. For Elevate PVC XR and PVC KEE XR membranes (maximum 1:12 slope): Roll the fleece backed membrane onto the adhesive coated substrate IMMEDIATELY after applying the adhesive, avoiding air entrapment. Do not allow adhesive to dry. Membrane must be rolled into the wet adhesive.
8. Immediately apply heavy downward pressure to the installed membrane with a stiff bristled broom to initiate adhesion, then apply pressure with a 75-150 lb (34-68 kg) weighted roller to assure proper bonding.

9. For Vertical Application (unlimited slope, Elevate PVC Membrane Only): Apply adhesive to BOTH substrate and bottom side of membrane simultaneously, to allow approximately the same drying time. Use the touch-push test to ensure proper drying of adhesive. Roll the membrane onto the substrate, then apply pressure with a 1.5" (38.1 mm) silicone roller or linoleum roller to assure a complete bond. For extremely porous substrates such as concrete block, apply an initial light coating of adhesive as a seal coat. Allow adhesive to dry, then proceed with final application of adhesive.

## Coverage Rate

- For Elevate PVC or MAX PVC Membrane: 140 to 180 ft<sup>2</sup>/gal. (3.43 to 4.42 m<sup>2</sup>/L), substrate only
- For Elevate PVC XR, PVC KEE XR and MAX PVC XR Membrane: 100 to 120 ft<sup>2</sup>/gal. (2.45 to 2.94 m<sup>2</sup>/L), substrate only
- For two-sided Vertical Application only: 175 to 200 ft<sup>2</sup>/gal. (4.3 to 4.9 m<sup>2</sup>/L) per side

**NOTE:** 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.

## Storage

- Do not expose PVC Water Based Bonding Adhesive to temperatures below 40 °F (4 °C). Keep out of direct sunlight.
- In cooler temperatures, 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 stock to ensure stored material has not exceeded the shelf life of one year.
- Shelf life will be shortened if exposed to elevated temperatures.

## Shelf Life

Shelf life of one year can be expected if stored in original sealed container at temperatures between 60 °F (15 °C) and 80 °F (27 °C) in a cool, well-ventilated area.

## Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.
- Use only when temperatures will not fall below freezing at any time 48 hours after mating.
- 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 seam splicing.
- Use only in well ventilated areas.
- Cover tightly when not in use.
- While adhesive is fluid, recommended cleaner is water.

## 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**

Properties	Typical Performance
Base	Synthetic Polymer
Color	White
Solvents	Water with some very minor aromatic hydrocarbon solvent.
Solids by Volume	52% ± 4%
Viscosity	8,400 – 14,400 cPs, R.V.F. Brookfield, #5 Spindle @ 20 RPM
Weight	8.7 lb ± 0.5 lb
Specific Gravity	1.044 ± 0.06
V.O.C. Content	< 1.5 lb/gal (180 g/L)

**Product Packaging**

Pail	5 gal (18.9 L)
Weight per Pail	≤ 48 lb (21.8 kg)
Pails per Pallet	45
Weight per Pallet	2160 lb (978 kg)

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

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.