



InnoviBondTM Membrane Adhesive LVOC

Stock #: 6100002

Density: 5 U.S. gal. (18.9 L)

Flash Point: 40° F (4° C)

Color: Clear

Packaging: 45 pails/pallet

Average coverage rate per U.S. Gallon:

A coverage rate of 50–60 ft.²/U.S. gal. (1.0–1.5 m²/L) should be expected, based on applications using a 3/8-in. solvent-based paint roller cover.

Note: Coverage rates will vary depending upon the type of substrate and substrate surface.

All reported values are nominal.

- High-strength adhesive for bonding TPO membrane.
- Solvent based and compatible with many substrates.
- Low volatile organic compounds (LVOC) compliant.

System Compatibility

InnoviBond Membrane Adhesive LVOC is intended for use with IKO InnoviTPO Roofing Systems and is approved for use with an appropriate IKO Diamond Shield Limited Warranty. Building owners, specifiers, roof consultants and roofing contractors are invited to review the IKO InnoviTPO System Specifications at www.iko.com/comm for further information on including this product as part of a complete IKO roofing system.

Low VOC for Use With a Variety of Substrates

InnoviBond Membrane Adhesive LVOC can be bonded to polyisocyanurate insulation (standard and high-density insulation boards), primed glass mat gypsum board, OSB, plywood, metal and clean concrete. With a low-VOC content of 216 g/L, InnoviBond TPO Membrane Adhesive LVOC can be used in regulated markets. The adhesive is applied to both the membrane and the substrate.

Quick Bonding Time and Fast Application

InnoviBond TPO Membrane Adhesive LVOC can be applied with solvent-resistant paint rollers, commercially available adhesive dispensers or spray rigs. The quick bonding time results in labor and job savings.

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Installation

1. Thoroughly stir the adhesive before and during use. Do not use electric drills to mix the adhesive. Do not thin adhesive. Thinning will affect adhesive performance. The color should be consistent with no solids remaining on the bottom.
2. InnoviBond Membrane Adhesive LVOC can be applied at an ambient temperature of 40° F (4° C) and above.
3. InnoviBond Membrane Adhesive LVOC is a contact adhesive that needs to fully “flash off” before the membrane and substrate surfaces are joined together. To ensure the adhesive flash off time is approximately the same, apply the bonding adhesive to both surfaces in one application. Bonding adhesive can be applied using a solvent-resistant paint roller, spray rigs designed to apply adhesives or commercially available adhesive dispensers. If the adhesive is spray-applied, it is recommended to roll the adhesive with a solvent-resistant roller.
4. Position the membrane into place and allow adequate time for the membrane to relax.
5. “Barn door” fold the membrane onto itself exposing the substrate and bottom of the membrane. Apply the adhesive in a uniform and consistent coat, avoiding globs and puddles, and light areas. Make sure not to apply bonding adhesive over areas that will be used to create field or flashing seams.
6. Allow the adhesive to fully flash off and become tacky. Using the finger-push method, check the adhesive by applying pressure with a finger to the adhesive. The adhesive should not transfer to your finger.
7. After adequate flash off time, roll the membrane onto the adhesive-coated substrate and immediately brush the membrane with a stiff-bristle broom to ensure maximum contact.
8. Precautions: Do not apply to wet or damp surfaces. Allow solvent-based primers to completely dry before using the adhesive. Do not apply when surface temperatures are below 40° F (4° C). Do not use on extruded or expanded polystyrene insulation.

Storage

1. Store in original unopened containers at temperatures between 60° F–80° F (15° C–27° C).
2. When stored in cooler temperatures, allow material to warm to room temperature before using.
3. Do not allow material to be stored in direct sunlight.
4. Rotate stock. Do not use product past its 12-month shelf life.

Safety

Do not use in a confined space or around heat, flame or sparks. Prevent fumes from entering building via air ventilation ducts. Avoid breathing adhesive vapors. Wear safety glasses or goggles to prevent contact with eyes. Wear gloves that meet ANSI/ISEA 105–2005 to protect hands when applying adhesive. Keep out of the reach of children. Read Safety Data Sheet for complete safety information before use.

The information on this sheet is based on data supplied by the manufacturer to IKO and believed to be true and accurate. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer or the distributor can be held legally responsible.