

## DESCRIPTION & USE

LEXCAN BA-90 BONDING ADHESIVE is a high-strength, solvent-based contact adhesive used for adhering LEXCAN HI-FLEX EPDM and HI-TUFF TPO membranes to various substrates.\*

Acceptable substrates include:

- Insulation
- Recover Board
- Barrier Board
- Rooftop Flashings
- Metal Flashing
- Wood
- Brick or Block Masonry

\*:For adhesions to other membranes or substrates, please consult with LEXCAN's Technical Department.

This product can be applied with either solvent resistant paint rollers, spray rigs designed to apply adhesives and/or commercially available adhesive dispensers.

## FEATURES & BENEFITS

**Quick and Easy to Apply** - BA-90 spreads easily in a uniform film allowing for a quick bonding time and resulting in labour savings for the contractor.

**Excellent Adhesive Performance** - Compatible with a wide range of substrates.

## TECHNICAL DATA

| PHYSICAL PROPERTIES |               |
|---------------------|---------------|
| Base                | Solvent-based |
| Colour              | Yellow        |

## PACKAGING

18.9 L (5 Gallon) Pails - 45 pails per pallet

## COVERAGE RATES

45 to 60 sq. ft. of finished roof, per gallon, depending upon the type of substrate and substrate surface. More porous substrates will absorb more adhesive resulting in a lower coverage rate, as opposed to smooth dense substrates resulting in a higher coverage rate. Coverage rates are based on applications using a 3/8 inch solvent based paint roller cover.

## SHELF LIFE

12 months when stored in original unopened containers at temperatures between 15.6°C (60°F) and 26.7°C (80°F).



## STORAGE

Store in original unopened containers at temperatures between 15.6°C (60°F) and 26.7°C (80°F). If stored in cooler temperatures, allow material to warm to room temperature before using. Do not allow material to be stored in direct sunlight. Do not use product past 12-month shelf life.

## APPLICATION

1. Clean substrate surfaces by removing all dirt, oil, water, and other contaminates.
2. Unroll membrane and position adjacent sheets. ALLOW MEMBRANE TO RELAX FOR A MINIMUM OF THIRTY MINUTES. Fold membrane sheet back so that half of the underside of the sheet is exposed and lying flat without wrinkles or buckles.
3. Stir adhesive thoroughly until solvent and base are completely blended with consistent colour and no solids remaining at the bottom of the pail. Do not use electric drills to mix the adhesive. Do not thin adhesive. Thinning will affect adhesive performance.
4. BA-90 is an adhesive that needs to fully "flash-off" before the membrane and substrate surface are joined together. Apply the BA-90 to both surfaces in one application to ensure the adhesive flash-off time is approximately the same. If the adhesive is spray applied, it is recommended to roll the adhesive with a solvent resistant roller.
5. Apply the adhesive in a uniform and consistent coat to both the substrate and the underside of the membrane, avoiding globs and puddles. Make sure not to apply bonding adhesive over areas which will be used to create field or flashing seams.
6. Allow the adhesive to fully flash-off and become tacky until it does not string when touched by a dry finger.
7. After adequate flash-off time, roll the membrane onto the adhesive coated substrate and immediately brush the membrane with a soft bristle push broom or apply pressure with a membrane roller to assure complete contact.

## SINGLE PLY ROOFING SYSTEMS

Ontario & Western Canada 1.800.268.2889

Quebec & Atlantic Canada 1.800.363.2307

# BA-90 BONDING ADHESIVE

8. Repeat steps 5 through 7 for the other half of each membrane sheet.

## CAUTIONS & LIMITATIONS

- Not for use on PVC or KEE membranes.
- Do not apply to wet or damp surfaces including primers. Allow solvent-based primers to completely dry before using the adhesive.
- Do not apply when surface temperatures are below 4°C (40°F).
- Do not use in a confined space or around heat, flame or sparks.
- Do not smoke when applying this product.
- Read Safety Data Sheet for complete safety information before use.