

# LEXCAN

## BA-90 Bonding Adhesive

### DESCRIPTION & USE

Lexcan BA-90 Bonding Adhesive is an amber, neoprene based adhesive used for adhering Lexcan Hi-Flex EPDM and Hi-Tuff TPO membranes to various construction substrates.\* Acceptable substrates include untreated wood, metal (clean and free of dust, dirt, oil, rust or grease) and solid, cured masonry or concrete. It may also be used to adhere membranes to certain roof coverboards and insulations. For a current list of approved substrates, contact Lexcan.

BA-90 is a contact cement and must be applied to both mating surfaces. It is packaged in five gallon (18.93 litre) pails.

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

### FEATURES & BENEFITS

- **Excellent Resistance** to heat, cold and moisture
- **Long-Term Durability** - Excellent resistance to aging
- **Easy to Apply** - BA-90 spreads easily in a uniform film

### TECHNICAL DATA

Physical Properties	
Base	Neoprene
Colour	Amber
Solvents	Acetone, textile spirits, Toluol & Xylol
Solids	24.5% ± 4%
Specific Gravity	.845 Nominal
Viscosity	2,000 - 3,000 cps
Weight	0.84 kg/litre
Coverage Rate	5.6 to 6.0 m <sup>2</sup> per 3.79 litres (60 to 65 sq. ft.) per gallon

### CAUTIONS & LIMITATIONS

- Do not thin BA-90; stir often.
- BA-90 is flammable (Flash point: -17 °C (0 °F)). Vapours may ignite explosively under certain conditions. Keep away from fire, sparks, and sources of heat.
- If stored below 15 °C (60 °F), restore to room temperature prior to use. Stir well.
- A RED CAUTION LABEL is required when shipping.
- Shelf Life: 1 year (unopened container) when stored at no more than 32 °C (90 °F) in.
- Review the BA-90 Safety Data Sheet for complete safety information prior to use.



- Do not contaminate liquid adhesive with water. Water in the adhesive will reduce the ultimate bond strength.
- Use with adequate ventilation. Avoid prolonged breathing of vapours. Avoid prolonged contact with skin.

### APPLICATION INSTRUCTIONS

1. Clean substrate surfaces by removing all dirt, oil, water, and other contaminants.
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 underside of sheet is exposed and lying flat without wrinkles or buckles.
3. Stir adhesive thoroughly until solvent and base are completely blended; 2 to 4 minutes minimum (power mixer recommended).
4. Apply BA-90 Adhesive evenly by brush or lambswool roller to both the substrate and the underside of the membrane at an average net\* coverage rate of 60 to 65 sq. ft. (5.6 to 6.0 m<sup>2</sup>) / gallon. Note: Jobsite conditions and porosity of the substrate may reduce the coverage rate. Conduct pre-application tests, if necessary. An open time of 5 to 30 minutes is recommended before assembly, depending on ambient conditions. Avoid leaving puddles or globs of adhesive.
  - \* adhesive applied to both mating surfaces
5. Allow adhesive to air dry until it does not string when touched by a dry finger.
6. Roll coated membrane into adhesive, avoiding air entrapment and wrinkles. Brush down on membrane with a soft bristle push broom or apply pressure with a membrane roller to assure complete contact.
7. Repeat steps 2 through 6 for the other half of each membrane sheet.