

BA-160 Bonding Adhesive

DESCRIPTION & USE

Lexcan BA-160 Bonding Adhesive is a water based bonding adhesive used to adhere EPDM, TPO or Fleece-backed single ply roofing membranes to various substrates. BA-160 is packaged in five gallon (18.93 litre) pails.

FEATURES & BENEFITS

- **Non-Flammable** - Lexcan BA-160 is non-flammable. Special precautions in shipping and handling are not necessary with Lexcan BA-160.
- **One Coat Application** - BA-160 can save time and money over other contact bonding adhesives because in many applications it only needs to be applied to the substrate.
- **Permits Membrane Adjustment** - BA-160 has a low initial tack and a slower cure time than contact type adhesives. The membrane can easily be shifted and adjusted to smooth out wrinkles and ensure proper alignment.
- **Compatible with Polystyrene Insulations** - BA-160 may be used to adhere rubber membranes to materials that are incompatible with solvent based adhesives.

TECHNICAL DATA

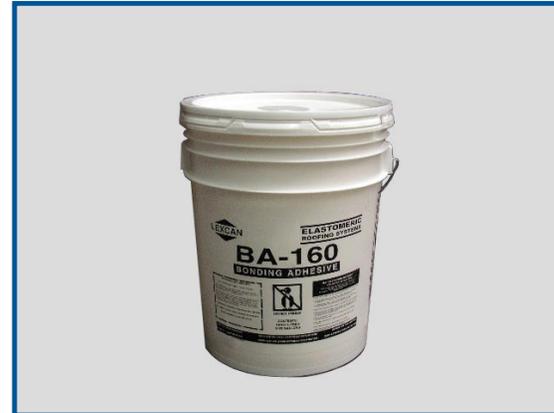
| Physical Properties | |
|---|--|
| Base | Synthetic Resin Copolymer |
| Colour | White |
| Solvent | Water |
| Solids | 55 % ± 1 % |
| Specific Gravity | 1.08 |
| Viscosity RVF Brookfield #4 spindle @ 20 rpm/25oC | 3,000 - 3,500 cps |
| Coverage Rate | 2.7 to 3.4 m ² per 3.79 litres 110 to 140 sq. ft. per gallon |

CAUTIONS & LIMITATIONS

- DO NOT FREEZE PRODUCT. Product must be stored between 5° and 32° C (40° to 90° F). Note: Higher temperatures will reduce shelf life.
- Avoid inhaling concentrated vapours. Keep material away from eyes. Do no ingest.
- Keep away from children. When container is "empty" is still may contain harmful vapour or residue. Do not reuse container or remove labels. Dispose of container in accordance with applicable government regulations.

APPLICATION INSTRUCTIONS

Note: BA-160 is best applied when the ambient temperature is between 10° and 27° C (50° to 80° F). DO NOT USE BELOW 5° C (40° F).



Bonding to Low Slope Porous Substrates

(such as concrete, wood, masonry and certain insulations).

Caution: Highly porous substrates* may significantly reduce the coverage rate. Do test patches before proceeding with major work.

1. Stir the BA-160 adhesive well. Do not thin.
2. Apply BA-160 adhesive by roller, spray or notched squeegee directly to the substrate, assuring a minimum even wet thickness of 4 mils (approximately 2.7 m² to 3.4 m² / litre or 110 to 140 sq. ft. / gallon for applications of average porosity).
3. Lay the membrane into the adhesive while the adhesive is still wet. Adjust the position of the membrane as necessary.
4. Depending on jobsite temperature and humidity conditions, adhesive set-up time may be as much as 24 hours. When the adhesive begins to dry and grab the membrane, roll the membrane into the substrate with a 70 to 100 lb roller to ensure complete, positive contact. If there are depressions in the substrate, place temporary weights on the membrane over the depressed areas for 24 hours to ensure positive contact while drying.

* Such as unprimed fibreglass faced gypsum panels, etc.

Bonding to High Slope or Non-Porous Substrates

(such as metal, foil faced insulations, etc.)

Note: On high slope and non-porous substrates, it is required to apply BA-160 on both membrane on substrate.

1. Stir the BA-160 adhesive well. Do not thin.
2. Apply BA-160 by roller or spray to both the underside of the single ply membrane and the substrate. Do not exceed a coverage rate of 3.68 m² / litre (150 sq. ft. / gallon) per coat.
3. The bonding adhesive should be allowed to dry for at least 30 minutes or until its appearance changes from milky white to nearly transparent.
4. Once the bonding adhesive is dry but still tacky, adhere the membrane to the substrate and broom it in heavily, or use a membrane roller avoiding blisters and wrinkles.