

# EPDM Edge Sealant

## TECHNICAL PRODUCT INFORMATION



RepairBoss® EPDM Edge Sealant is engineered with a patented high-solids, low-VOC formula, delivering superior chemical adhesion specifically for EPDM membrane systems. It provides a robust, weather-tight barrier for critical transition points, including membrane splices, T-joints, and step-downs. By effectively sealing exposed edges and termination bars, it ensures long-term integrity across all flashing details.

### FEATURES & BENEFITS

RepairBoss EPDM Edge Sealant also provides the following features and benefits:

- Environmentally safe with low VOC's
- Compatible with polystyrene
- Excellent adhesion to EPDM and also metals, wood, concrete, and a wide variety of other substrates
- Suitable for both vertical and horizontal application on EPDM roofing systems

### PACKAGING

Package: 10.3 oz tubes

Tubes per carton: 12

Quantity per Pallet: 100

Color: Black

### APPLICATION

RepairBoss EPDM Edge Sealant is designed to seal the exposed edges of EPDM membrane roof system splices, T-joints, step downs, tie-ins, termination bars, and general flashing details.

The surface to be sealed must be clean, dry, and sound, as well as free of dirt, moisture, oils, algae, or other contaminants that may interfere with proper adhesion. Carefully remove any loose material from the surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate cleaner. In most cases, a high-pressure water blast will be sufficient to prepare the surface. With all coatings and adhesives, proper preparation is key to yielding optimal results. BITEC always recommends adhesion testing prior to starting, especially with previously coated substrates.

***Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.***

Prior to using RepairBoss EPDM Edge Sealant, clean the entire surface where it will be applied with an approved EPDM membrane cleaner. Ensure all seams and flashings are properly installed according to the manufacturer's guidelines. Cut the nozzle on the tube for desired bead size. Place the

patented feathering tip over the cut nozzle prior to installing the cartridge into the caulking gun. Gun a 1/4" sized bead of the RepairBoss EPDM Edge Sealant along the exposed edge of the membrane seam splice or flashing. If the feathering tip is used, no tooling of the installed sealant is necessary. If not used, tool the sealant bead so the high point is above the offset of the splice and the edges are feathered onto the deck. Under most conditions, it is best to wait at least 2 hours after membrane and flashing seams are installed before installing the RepairBoss EPDM Edge Sealant.

The coverage rate will be approximately 20-22 lineal feet per tube with a 1/4" bead.

Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

**As with any roofing project, good roofing practices should always be followed.**

### STORAGE & HANDLING

Store RepairBoss EPDM Edge Sealant locked up and in a dry, and temperature conditioned location. When stored in the original, unopened container between 40°F (4°C) and 110°F (43°C), the recommended shelf life is 24 months from the date of manufacture.

### PRECAUTIONS

Not to be used as a splicing cement between EPDM membranes. Clean and dry surfaces are necessary for proper installation - talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit [www.bitec.com](http://www.bitec.com).

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| Technical Schedule      |                             |             |
|-------------------------|-----------------------------|-------------|
| Base Polymer            | EPDM                        |             |
| Color                   | Black                       |             |
| Weight                  | 11.6 lbs / gal              | ASTM D 1475 |
| Tack-Free Time          | Within 1 hour               | ASTM D 2377 |
| Cure Rate               | Approx. 72 hours            | ASTM D 2377 |
| VOC                     | <250 g/L                    | ASTM D 2369 |
| Solids                  | 80%                         | ASTM C 681  |
| Flash Point             | 50°F (10°C)                 | ASTM D 56   |
| Service Temperature     | -40° (-40°C) - 200°F (93°C) | ASTM D 3359 |
| Application Temperature | 20° (-6°C) - 120°F (49°C)   | ASTM C 603  |
| Shelf Life (unopened)   | 24 months                   |             |

*All information is given in good faith but normal tolerances of manufacture and testing will apply. BITEC reserves the right to improve and change its products at any time without prior notice or advice. The use of BITEC products is determined by local conditions and individual requirements of each contract. In consideration of the many factors involved, BITEC cannot be held responsible for the application of its products and for conditions beyond its control. All claims filed against BITEC warranties will be subject to the provisions set forth at the date of the warranty issuance, and any addendum thereto. Under no circumstances will BITEC be held liable for any damage, whether personal injury or property damage, which occur during or after the application of any BITEC products.*

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