



RepairBoss® Emergency Sealer is a thick, high build and high solids, low VOC, one-part silicone elastomeric flashing grade sealant, designed specifically to seal any rooftop areas of possible water infiltration, including roof penetrations, curbs, seams, and flashing. Emergency Sealer is resistant to lateral movement and shear and also allows for normal expansion and contraction, thus providing a seamless, flexible, and long lasting repair system.

FEATURES & BENEFITS

RepairBoss Emergency Sealer also provides the following features and benefits:

- Superior adhesion to most surfaces, even those previously coated with silicone coatings
- No primer is typically required
- Single component material in a very portable size
- Low VOC and low odor
- Excellent repair material and/or protective sealant for pipe boots, seams, flashing, curbs, exposed fasteners, as well as any other vulnerabilities in the roof system
- Fast moisture cure
- Easy to carry and easy to use

PACKAGING

Packaging: 2-gallon pails

Quantity per pallet: 60

Colors: Black, gray, and white

APPLICATION

The surface to be coated 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 an environmentally safe solvents or an appropriate cleaner. In most cases, a high-pressure water blast will be sufficient to prepare the surface. As with all coatings, proper preparation is key to yielding optimal results. BITEC always requires successful adhesion testing prior to starting any warranted roof coating projects.

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

Application may vary considerably due to the variety of repairs that may be possible in commercial roofing. Repairs may be performed by applying RepairBoss Emergency Sealer with a soft brush or a trowel. If there is any question about adhesion or a failed adhesion test, please consult BITEC Technical Services.

For best results, the ambient temperature should be between 50°F (10°C) and 90°F (32.2°C) and the relative humidity

greater than 20%. Emergency Sealer should not be applied in temperatures greater than 120°F (48.90°C). For cold weather application, store the material at 65°F (18.3°C) or above before use. Higher ambient temperatures will shorten the cure time, as well as the working time before the material skins over. Lower temperatures will extend the skin, tack-free, and cure times. Sudden drops in temperature may also result in dew formation, which can inhibit adhesion.

RepairBoss Emergency Sealer should be applied at a thickness of 50 wet mils or less with a dry film thickness of 25 mils or greater. Approximate coverage rates per gallon: 750 fasteners, 100 LF of seams at 4" wide and 40 wet mils.

RepairBoss Emergency Sealer can be applied over old silicone coatings or sealants that are already cured. The sealant must be worked into the damaged area and spread approximately 2" to 4" beyond, feathering the edges. Verify that no voids have been left in patched areas, applying more sealant to fill all voids.

At 77°F (25°C) and 50% R.H., RepairBoss Emergency Sealer is tack free in about 1-2 hours and will fully cure in approximately 12-18 hours (1/8" depth). Tack free time and cure time may change with ambient temperature, substrate temperature, and relative humidity. Clean all tools with an appropriate solvent, such as paint thinner.

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

STORAGE & HANDLING

Store container tightly closed and locked up in a well-ventilated location. When stored unopened in the original container in temperatures between 50°F (10°C) and 90°F (32.2°C), the shelf life is 24 months from the date of manufacture.

PRECAUTIONS

RepairBoss Emergency Sealer should be handled in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash before re-use.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.



Technical Schedule	
VOC (EPA 24)	<50 g / L
Tack Free Time at 77°F (25°C) 50% R.H. (ASTM C-679)	1-2 hours
Cure Time (hours)	16-18 hours
Solids Content (% by weight) (ASTM D-2697-3)	92 +/- 3
Tensile Strength (ASTM D412)	235 psi
Elongation at Break (ASTM D412)	379%
Shelf Life at 50°F (10°C) and 90°F (32.2°C)	24 months
Clean Up Solvent	Paint thinner

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.

