



Engineered for versatility, RepairBoss® ElastoPav AP All-Purpose Roofing Sealant is a high-performance construction sealant designed for demanding environments. It provides a durable, elastic seal specifically rated for joints that undergo significant movement, comfortably handling compression and extension cycles exceeding 35%.

FEATURES & BENEFITS

RepairBoss ElastoPav AP also provides the following features and benefits:

- Safe to use and non-flammable
- Solvent and isocyanate free
- Low VOC of 34.5 g/L and low odor
- Non-silicone based
- Does not become dry or brittle
- Primerless bonding to most surfaces
- Fast curing
- Paintable after cured
- Extremely low shrinkage
- Stain and mildew resistant
- Common applications:
 - Roofing
 - Window and door frames
 - Expansion joints
 - Weather sealing
 - Parapets
 - Block and masonry
 - Siding
 - Cove joints

PACKAGING

Package: 10.1 oz tubes

Tubes per carton: 12

Quantity per Pallet: 90

Colors: White, gray, black, and tan

APPROVALS

May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants

Uses NT, T, G, A, & O

Federal Specification TT-S-00230-C Type I, Class B

Corps of Engineers CRD-C-541, Type I, Class B

Conforms to OTC Rule for Sealants and Caulks

Meets requirements of California Regs: CARB, BAAQMD, and SCAQMD

Conforms to USDA Requirements for Non-Food Contact

APPLICATION

The surface to be flashed 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.

Maintain ElastoPav AP at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within 15 minutes of application.

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.

In most applications, ElastoPav AP will not require a primer. However, certain substrates may require a primer to ensure a long-lasting bond and weatherproof seal. It is the applicator's responsibility to determine whether or not a primer is needed in their specific application.

Clean tools with a mild solvent, such as mineral spirits.

Concrete: Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents and loose concrete. Dry all visible and/or standing water. Install an appropriate backer rod to avoid three-point bonding.

Metal: Prepare all metal to ensure maximum adhesion. Remove all rust, scale, and residue using a wire brush. Remove films, loose or inappropriate coatings, and oils with an appropriate solvent, such as alcohol.

Wood: Wood should be clean, sound and dry prior to sealant application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint to ensure proper adhesion. ElastoPav AP is not recommended for use on fire retardant lumber.



STORAGE & HANDLING

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed to avoid contamination. When stored in the original, unopened container between 60°F (15.6°C) and 80°F (26.7°C), the recommended shelf life is 12 months from the date of manufacture, located on the bottom of the tube. The date of manufacture is formatted "YYMMDD" - e.g. 190522 is May 22, 2019.

PRECAUTIONS

ElastoPav AP should not be used in applications in which it will be permanently exposed to liquid water.

Do not use until all instructions and safety precautions have been read and understood. Wear protective gloves, protective clothing and eye protection. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. IF ON SKIN: Wash exposed body areas with soap and water. IF IN EYES: Rinse with water, remove contact lenses and continue rinsing. If exposed or concerned get medical advise/attention. Refer to Safety Data Sheet (SDS) for further information.

Safety first! The roofing contractor and employees are the key to success regarding safety. Safety should always be first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.



Technical Schedule		
VOC	34.5 g/L	EPA Test Method 24
Skinover Time @ 50% R.H. @ 70°F (21.1°C)	30 minutes	ASTM C679
Density	12.7 lbs/gal	
Hardness	50 Shore A	
Peel Strength		ASTM D903
ABS	12.7 lbf/in	
Aluminum	25.1 lbf/in	
Mortar	25.7 lbf/in	
Glass	26.7 lbf/in	
Pine	24.0 lbf/in	
PVC	25.8 lbf/in	
Cold rolled steel	23.9 lbf/in	
Tensile Strength	268 psi	ASTM D412
Elongation at Break	259%	ASTM D412
Chemistry	Hybrid polymer	
Shrinkage	0%	
Service Temperature	-40°F (-40°C) - 200°F (93.3°C)	
Viscosity	2,730,000 cps @ 1RPM	ASTM D2196-10
	1,555,000 cps @ 2 RPM	
	460,000 cps @ 10 RPM	
Shear Strength	185.7 psi	ASTM D1002
Movement	±35%	ASTM C920

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