



RepairBoss® ElastoPav SA All-Purpose Roofing Sealant / Adhesive is a high-strength, single-component elastomeric adhesive and sealant engineered for permanent adhesion to a broad spectrum of construction substrates without the requirement of a primer. Formulated as a 100% solids system, ElastoPav SA is a low-odor solution optimized for both interior and exterior structural applications. This environmentally responsible chemistry is free of solvents and isocyanates, ensuring a low-VOC profile while maintaining high performance and durability.

FEATURES & BENEFITS

RepairBoss ElastoPav SA also provides the following features and benefits:

- Meets or exceeds ASTM C920, Type S, Grade NS, Class 35 Uses NT, T, G, A, & O
- Easily gunnable between 40°F (4.4°C) and 100°F (37.8°C)
- Cures rapidly to reach optimum strength within 7-14 days
- Full cure within approximately 21 days
- Fast skinover time means less dirt pickup
- 100% solids - no shrinkage
- Safe to use - solvent and isocyanate free
- Ultra low VOC of 28.1 g/L
- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- Remains flexible to absorb expansion and contraction
- Bonds to most common building substrates:

PACKAGING

Package: 10.1 oz tubes

Tubes per carton: 12

Quantity per Pallet: 90

Colors: Gray

APPROVALS

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

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 USA Requirements for Non-food Contact

APPLICATION

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.

Maintain ElastoPav SA at room temperature before applying to ensure easy tooling. Test and evaluate to ensure adequate adhesion.

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 SA 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 SA 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. The date of manufacture is formatted "YYMMDD" - e.g. 190522 is May 22, 2019.

PRECAUTIONS

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	28.1 g/L	ASTM C1250
Skinover Time @ 50% R.H. @ 70°F (21.1°C)	15 minutes	ASTM C679
Density	13.02 lbs/gal	
Hardness	55 Shore A	ASTM D676
Peel Strength		ASTM D903
Aluminum	23.1 lbf/in	
Mortar	23.6 lbf/in	
Glass	25.0 lbf/in	
Pine	22.4 lbf/in	
PVC	22.8 lbf/in	
Cold Rolled Steel	24.0 lbf/in	
Cementitious Siding	22.0 lbf/in	
Kynar [®] Coated Metal	27.8 lbf/in	
Shear Strength	208 psi	ASTM D1002
Tensile Strength	287 psi	ASTM D412-06
Elongation at Break	400%	ASTM D412-06
Chemistry	Hybrid Polymer	
Shrinkage	0%	
Movement	±35%	ASTM C920
Service Temperature	-40°F (-40°C) - 200°F (93.3°C)	
Viscosity	3,298,000 cps @ 1 RPM	ASTM D2196-10
	1,860,000 cps @ 2 RPM	
	601,000 cps @ 10 RPM	

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 improper 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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