

ETERNABOND AlumiBond™

MicroSealant® Tape with Aluminum Backer

Description

AlumiBond™ is a one-step permanent repair system for use on roofs, walls, floors, troughs, etc. **AlumiBond™** features a heavy duty 4mil aluminum backing that is UV stable and creates a water proof, moisture and air tight barrier with no additional sealing required. The aluminum backing, combined with a layer of **EternaBond®**'s advanced **MicroSealant®**, creates an extremely durable surface.

AlumiBond™ bonds to a wide range of surfaces such as EPDM, TPO, Hypalon, aluminum, galvanized steel, wood, and fiberglass. Ensure all surfaces are clean, dry, and free of debris prior to installation. The **MicroSealant®** layer in **AlumiBond™** remains flexible to temperatures as low as -57°C (-70°F) making it virtually impossible to thermally shock the seam causing a leak.

Basic Use

AlumiBond™ tape is designed for use on metal buildings, trailer/RV roofs and sides, drain pans, drain pipes, boats, canoes, and anywhere a protective coating for surfaces where abrasion and corrosion resistance is required. **AlumiBond™** seals to itself so it can be cut and folded around an object.

Composition

AlumiBond™ utilizes **EternaBond®**'s advanced **MicroSealant®** Technology, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber with a built-in primer. It is bonded to a 4-mil aluminum metal backing. The adhesive coating is protected by a release liner, to be removed prior to application.



Technical Data		
Property	Typical Value	Test Method
180° Peel	5pli	ASTM D413 @ 23°C (73°F)
Low Temperature Flexibility	Passes 1/2" radius at -34°C (-30°F)	ASTM C765
Application Properties		
Application Temperature*	4°C to 65°C ambient (40°F to 150°F)	
Service Temperature	-40°C to 100°C (-40°F to 212°F)	
*For best results, it is recommended to use EternaPrime® for temperature below 40°F. Keep tape at room temperature before applying.		
NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.		

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Product Information	
Available Widths	Up to 48"
Backer	Aluminum
Standard Case Quantity	100 sq.ft. per case
Standard Roll Size	2" x 50' 4" x 50' 3" x 50' 6" x 50'
Total Thickness	20 mil

Surface Preparation

Surface must be clean and dry. Moisture, dust, dirt or other foreign matter should be removed. Remove oil and grease, etc. with **EternaClean®** or a non-residue cleaner such as acetone or lacquer thinner. Remove salt and other contaminants.

Application

Surfaces must be clean and dry before applying **AlumiBond™**. Install **AlumiBond™** over the repair area, removing the release liner gradually to prevent contamination of the adhesive prior to application. Rub or roll with pressure using your hand or steel roller to activate bonding process. If using your hand wear protective gloves.

Limitations

AlumiBond™ is not compatible with silicone sealants or lubricants. Avoid using silicone based products near **AlumiBond™**.

Storage and Shelf Life.

Store material in original container at temperatures between 4°C and 38°C (40°F to 100°F). Shelf life is 5 years when stored as recommended.

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