



Aluminum Tape

Technical Data Sheet

DESCRIPTION

4EvaSeal™ Aluminum Tape is a one step, easy to use tape product that has an aluminum UV resistant backing and the most aggressive elastomeric polymer adhesive on the market today. Once installed this material is impermeable to water and water vapor. The elastomeric polymer adhesive is pressure sensitive and bonds permanently to most materials. 4EvaSeal™ Aluminum Tape provides a permanent seal when installed correctly.

RECOMMENDED USE

4EvaSeal™ Aluminum Tape is used by industry professionals to seal ducts, roofs, metal buildings, semi-trailers, drip pans, pipes, aluminum boats, etc. This tape can be used in both interior and exterior environments and is ideal for use as a moisture and vapor barrier. Once installed the 4EvaSeal™ Aluminum Tape will provide a permanent seal.

SUBSTRATE COMPATIBILITY

4EvaSeal™ Aluminum Tape will bond aggressively to most materials, including: metals, plastics, roofing materials, wood, gypsum, concrete, brick, fiberglass and many previously painted surfaces. Perform adhesion test to confirm compatibility when required.

SURFACE PREPARATION

Surface must be clean and dry, with no oils, grease or loose debris. Remove salt and other contaminants by pressure washing with a suitable detergent followed by a fresh water rinse. Rust and other adhered foreign matter should be removed by scraping or wire brushing followed by a solvent wipe.

APPLICATION

Remove release liner on one side of tape and firmly press onto surface. Use of a roller is suggested to assure full contact between the adhesive and the substrate. Laps in tape should be equal to 50% of width of the tape.

OPTIONAL PRIMER

4EvaSeal™ Aluminum Tape has an aggressive adhesive to allow for quick, easy and permanent adhesion. When applying to hard to clean surface or in cold temperatures (below 40°F), 4EvaSeal™ Primer should be applied to the surface to improve bond.

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Typical Technical Data

Property	US Customary	Metric	Test Method
Total Thickness	20 mils	0.51 mm	ASTM D1000
Backing Thickness	4 mils	0.10 mm	ASTM D1000
Adhesive Thickness	16 mils	0.43 mm	ASTM D1000
Weathering	Excellent resistance to wind, rain erosion and UV rays.		
Adhesion to Unprimed Alum	>7 lb/in	>1.23 N/mm	
Tensile Strength	>1000psi	>70 kg/cm ²	
Flexibility	1/2" radius at -20° F	12.7mm radius at -29° C	ASTM D1000
Water Absorption	<0.5%	<0.5%	ASTM D570
Application Temperature*	-20° F to +140° F	-29° C to +60° C	
Service Temperature Range	-20° F to +140° F	-29° C to +60° C	

*Primer recommended below 40° F.

ORDERING INFORMATION

4EvaSeal™ Aluminum Tape

Roll Size	Rolls Per Case
2" x 50'	6
3" x 50'	4
4" x 50'	3
6" x 50'	2
12" x 50'	1

CASE PACKAGING
 .5 SQ (50 ft²) per case
 Case Weight: 9 lbs