

# PERMATHANE<sup>®</sup> SM7713 MS

## Silyl-Modified Adhesive Sealant

### CONSISTENT PERFORMANCE - VERSATILE APPLICATION

Stop asphalt “bleed” from occurring and reduce failure related call-backs that cost as much as 5X the original job!

- Metal Buildings
- Perimeter seals for windows, doors and other wall penetrations on vinyl, aluminum, wood and other materials including Asphalt-Flashing membranes.
- Waterproof rivet seams and roof rails
- Bonding sidewalls in RV's and trucks
- Sealing corner moldings, fabricated roof-lap seams, bumper assemblies, and body-to-cab joints in motor homes
- Sealing door hinges, skylights, and portholes
- Between construction materials of dissimilar expansion coefficients
- Sealing in butt/lap joints



**PERMATHANE® SM7713 MS** is a single-component, moisture-cured, solvent-free, gun-grade, asphalt-compatible Silyl-Modified Adhesive Sealant exhibiting low modulus elastomeric properties with excellent performance. The sealant is designed to skin and cure rapidly providing outstanding UV Resistance and long-term durability. The sealant provides excellent adhesion over a wide variety of substrates.

## ADVANTAGES

- Asphalt Flashing Compatible conforming to AAMA Specification 713-08
- Excellent adhesion to a variety of substrates
- Dependable performance and durability
- Easy to gun, tool, and clean
- Accommodates  $\pm$  50% joint movement
- Permanently flexible, excellent weatherability
- Paintable once cured
- VOC Compliant to SCAQMD, CARB, and OTC
- Primerless adhesion to substrates including galvanized steel, aluminum, Galvalume®, Kynar 500®, wood, vinyl, and fiberglass. For concrete applications consult technical support.

## PROPERTIES

Property	Typical Value	Test Method
Peel Adhesion <sup>^</sup> , Min	35 pli	ASTM C794
Tensile Maximum	180 psi (2.07 N/mm <sup>2</sup> )	ASTM D412
Elongation	950%	ASTM D412
Sag	None	ASTM C639
Hardness	35 +/- 5 Type A	ASTM D2240
Service Temperature Range	-40 °F to 180 °F (-40 °C to 82.5 °C)	
Water Resistance	Passes	AAMA 800
Flash Point	>200 °F (>93 °C)	ASTM D56
Shelf Life	12 months when stored at or below 80 °F	
Skin Time*	30-45 minutes	
Cure Time*	3-4 days	
VOC	<20.4g/L	EPA Method 24

\* Skin and cure times are dependent on temperature, humidity, and porosity of the substrates. The above times are based on a ¼" bead at 75 °F and 50% relative humidity. Low humidity, cooler temperature, and non-porous substrates will lengthen these times.

<sup>^</sup>Peel Adhesion: Glass – 38 pli, Aluminum - 35 pli, Vinyl – 31 pli, Concrete – 21 pli

## CONFORMANCE

- AAMA 713-08 Complaint (Asphalt-Flashing Compatible)
- TT-S-00230 C (Type II) Class A, Non-sag, One-Component
- ASTM C 920 Type S, Grade NS, Class 50, Use-NT, A, and O
- AAMA 808.3-10 (Exterior Sealing Compound)

## COLORS



## PACKAGING



9.8 FL OZ (290 ML) Cartridge  
Case: 24 Cartridges



20 FL OZ (590 ML) Sausage  
Case: 12 Sausages

**FOR PROFESSIONAL  
USE ONLY**



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