

# PERMATHANE<sup>®</sup> SM7120 PU

## Polyurethane Sealant

### CONSISTENT PERFORMANCE - VERSATILE APPLICATION

Get uniform application every time and reduce failure related call-backs that cost as much as 5X the original job!

- Metal Buildings
- Perimeter joints around windows and doors\*
- Sealing door hinges, skylights, and portholes
- Masonry Expansion joints
- Air conditioning equipment, flashing and gutters
- Waterproof rivet seams and roof rails
- Commercial Roofing
- Bonding sidewalls in RV's and trucks
- Sealing vehicle bodies, cab construction, underbody compartments, and roofing
- Sealing corner moldings, fabricated roof-lap seams, bumper assemblies, and body-to-cab joints in motor homes
- Between construction materials of dissimilar expansion coefficients



\*Use SM7713 MS for Asphalt-Flashing compatibility

1-800-878-7876

www.itwsealants.com

**PERMATHANE® 7120 PU** is a one-component, gun-grade, non-sag, moisture-cure polyurethane sealant designed to skin and cure rapidly. This high-performance product is designed with outstanding UV resistance and long-term durability. Excellent adhesion is obtained on a wide variety of materials.

## ADVANTAGES

- Excellent adhesion to a variety of substrates
- Dependable performance and durability
- Easy to gun, tool, and clean
- Accommodates +/- 35% joint movement
- Permanently flexible, excellent weatherability
- Excellent cut and tear resistance
- Paintable – non-sticky after cure
- VOC Compliant to SCAQMD, CARB, and OTC
- Primer-less adhesion to substrates including galvanized steel, aluminum, concrete, glass, Galvalume®, Kynar 500®, wood, vinyl, and fiberglass

## PROPERTIES

Property	Typical Value	Test Method
Peel Adhesion <sup>^</sup> , Min	35 pli	ASTM C794
Tensile Maximum	133 psi (2.07 N/mm <sup>2</sup> )	ASTM D412
Elongation	685%	ASTM D412
Sag	None	ASTM C639
Hardness	40 +/- 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	>166 °F (>74.4 °C)	ASTM D56
Shelf Life	12 months when stored at or below 80 °F	
Skin Time*	2-4 hours	
Cure Time*	2-7 days	
VOC	17.4 g/L	EPA Method 24

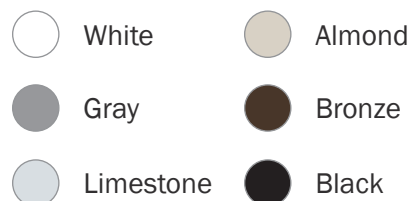
\* Skin and cure times are dependent on temperature, humidity, and porosity of the substrates. The above times are based on a ¼" bead at 75 °F and 50% relative humidity. Low humidity, cooler temperature, and non-porous substrates will lengthen these times.

<sup>^</sup>Peel Adhesion: Glass - 38 pli, Aluminum - 41 pli, Vinyl - 24 pli, Concrete - 38 pli

## CONFORMANCE

- US Federal Specification TT-S-00230 C (Type II) Class A, Non-sag, One-Component
- ASTM C 920 Type S, Grade NS, Class (35), Use-NT, A, M, G and O
- AAMA 808.3-16 (Exterior Sealing Compound)

## COLORS



These colors are approximations. Sausage colors are White, Gray and Limestone.

## PACKAGING



10.1 FL OZ (300 ML) Cartridge  
 Case: 24 Cartridges



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

**FOR PROFESSIONAL  
 USE ONLY**



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