

PS-209 ELASTOMERIC SEALANT



Commercial Product Data Sheet

Product Description

PS-209 Elastomeric Sealant is a flexible moisture-curing sealant designed for roofing applications where sealing membrane terminations, adhering dissimilar materials, and excellent low temperature performance characteristics are required.

PS-209 Elastomeric Sealant contains no volatile organic compounds (VOCs). Because it is composed of 100% solids, PS-209 will not shrink or lose volume in joint or surface applications. PS-209 contains no solvents, and will not damage expanded polystyrene or other solvent-sensitive construction materials.

Product Uses

PS-209 Elastomeric Sealant is a recommended accessory for Siplast SBS-modified bitumen roof systems, and is designed to be used whenever a sealant is required in Siplast low-slope specifications ($\leq 1/4$ "/foot slope) for Siplast membrane terminations at gravel stops, metal penetration flashings, and similar junctures. Because of its fast skin time, PS-209 Elastomeric Sealant can be used as a night sealant for penetrations and other details. It bonds aggressively to asphalt, aluminum, galvanized steel, wood, masonry, fiberglass-reinforced plastic, vinyl, and many types of coated metal.

PS-209 is a gun-grade sealant, and can be applied using a standard professional caulking gun. It is easily tooled and skins over in approximately 25 minutes. After approximately 3 days of curing, it achieves a resilient rubber-like quality, and can receive application of Siplast PC-227 Elastomeric Coating.

Surface Preparation and Application Conditions

Application surfaces must be clean and free of dirt, oil, rust, and loose debris that will interfere with adhesion. Remove all standing water, ice, and snow before applying PS-209 Elastomeric Sealant. Certain metals, such as galvanized or painted steel and aluminum may have a mill oil or paraffin protective coating that will act as a bond breaker. Such surface contaminants can usually be removed with an alcohol (isopropanol) scrub. Do not install if rain is anticipated within 4 hours.

Temperature Considerations and Limitations

PS-209 Elastomeric Sealant requires atmospheric moisture to trigger its reactive curing mechanism. The service temperature range for PS-209 is 40°F (4°C) to 200°F (93°C).

For easier gunning and tooling, PS-209 Elastomeric Sealant cartridges should be maintained at a temperature above 40°F (4°C). Do not use this sealant at temperatures below 32°F (1°C).

Product Approvals & Compliance

VOC Content: This product contains an average 15 g/l VOC.

Warranty Information

Siplast warrants PS-209 Elastomeric Sealant to be free of product defects and to meet the applicable standards that are published concerning its performance. Siplast will replace any quantity of PS-209 Elastomeric Sealant that is proven to be defective when stored, handled, and applied in accordance with written instructions and recommendations provided by Siplast. Any claims concerning product defects must be made within twelve (12) months of product shipment. This warranty is in lieu of any and all other warranties, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose.

COMMERCIAL PRODUCT INFORMATION

Unit: 28 oz. cartridge (825 ml)

Coverage:

28 oz. Cartridge

		Width		
		1/8"	1/4"	3/8"
Depth	1/8"	288	145	95
	1/4"		71	58
	3/8"			32

Linear feet per cartridge.

Shelf Life: 1 year

Packaging: PS-209 is packaged in cartridges.
12 cartridges/carton, 40 cartons/pallet

Pallet size: 45 in X 48 in (114 cm X 122 cm)

Number of cartons per pallet: 40

Shipping Weight per carton: 40 lb (18.1 kg)

Shipping Classification: DOT No. 53

Storage and Handling: PS-209 should be stored upright on a clean, flat surface. Care should be taken that cartridges are not crushed or punctured. PS-209 should be stored out of direct exposure to the elements. Material should be handled in such a manner that it remains dry prior to and during installation. Consult the Safety Data Sheet (SDS) for additional information pertaining to this product.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.

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