

PRODUCT DATA

269 PUMPABLE BUTYL SEALANT

DESCRIPTION:

269 is a high quality, butyl-based caulking compound which air dries to form a permanently flexible, weather resistant seal. It has excellent adhesion to unprimed and painted metals, masonry, concrete, wood, aluminum, galvanized steel, glass and cold rolled steel. It is designed to seal metal and wood windows and doors, overlap seams and narrow joints. 269 should be considered for operations where flexibility is needed but where total joint movement is limited.

APPLICATION:

269 is designed to be applied using automatic dispensing systems (Graco 40:1 Bull Dog Pump or equivalent) or manual caulking guns. Surfaces must be clean, dry and free of any loose particles. The caulk has excellent "cut-off" characteristics and is not stringy at the nozzle.

PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	269.12: Gray
		269.7: Beige
Odor		Mild mineral spirits odor when wet.
		No odor when dry.
Service Temperature		-20°F to 200°F
% Solids	ASTM C771	73 ± 3% by weight
		(323 g VOC/liter)
% Shrinkage		~25% by volume
Specific Gravity	ASTM D297	$1.19 \pm 0.05 \text{ g/cm}^3$
Weight per Gallon		9.9 ± 0.5 pounds per gallon
Tensile Strength	ASTM C907	50 psi
180-degree Peel Strength	ASTM D903	Substrate: Peel strength, failure mode
	3-weeks @ 158°F	Steel: 5.8 pounds/inch, cohesive failure
		Aluminum: 3.5 pounds/inch, cohesive failure
		Glass: 8.0 pounds/inch, cohesive failure
		Wood: 7.5 pounds/inch, cohesive failure
	1-week water immersion	Steel: 7.9 pounds/inch, cohesive failure
		Aluminum: 8.0 pounds/inch, cohesive failure
		Glass: 8.5 pounds/inch, cohesive failure
		Wood: 11.0 pounds/inch, cohesive failure
Flexibility	ASTM C765	Passes a ¼-inch mandrel bend @ -20°F
% Elongation	ASTM C907	150%
Slump	ASTM D2202,	0.00-inch typical
	30-minutes @ 158°F	0.25-inch maximum

Property	Test Method	Typical Values
Viscosity	ASTM D2196	~3.6 x 10 ⁶ cps
Hardness – Shore A	ASTM C661	30 – 35
Staining	ASTM D925, Method A	No pitting or corrosion of aluminum or galvanized
		steel.
Drying Rate		Tack-free in 1-2 hours.
		Drying time will vary with atmospheric conditions.
Coverage Range		A ¼-inch bead will give approximately 32-lineal
		feet per 10.3-fluid ounce cartridge.
Shelf Life		1-year when stored in the original container at
		normal warehouse temperatures.

REGULATIONS and SPECIFICATIONS:

AAMA: Meets the requirements of 802.3, Type II of the American Architectural

Manufacturers Association.

Federal Specification: TT-S-1657, Type I

FDA Regulation: The ingredients are recognized as safe in accordance with CFR Title 21.

USDA: Is acceptable to the U.S. Department of Agriculture for use in meat and

poultry processing areas under federal inspection.

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