



PRODUCT DATA

620 HOT MELT STANDING SEAM ROOF SEALANT

DESCRIPTION:

620 is a hot applied, flexible, non-sagging, thermoplastic sealant designed as a sealant for metal standing seam roof systems. It has excellent properties at high and low temperatures; flexible at -50°F, no sag or flow at 220°F. 620 has excellent adhesion to oiled galvanized steel, Galvalume, aluminum coated steel, painted steel and will remain in place during shipment. During panel seaming, 620 will not impede the roll forming operation.

620 is available in 5-gallon pails and 55-gallon drums. Both containers have removable, disposable liners to make disposal of the containers easier and less expensive and to comply with government and local disposal regulations.

PROPERTIES:

Color (ASTM D1729):	White to off-white.
Specific Gravity (ASTM D71):	1.1 ± 0.1 g/cm ³
Weight per Gallon (ASTM D71):	9.15 ± 0.5 pounds/gallon
Percent Solids (ASTM C681):	≥ 95% by volume
Appearance (Visual):	Smooth, uniform, free of lumps, particles and air voids.
Cone Penetration (ASTM D217, 150-g load):	
At 0°F	≥40 dmm
At 75°F	70 – 150 dmm
Ring & Ball Softening Point (ASTM E28):	160°F – 220°F
Application Temperature:	160°F – 180°F
Adhesion:	Applied bead will remain in place during application, handling and shipment.
Slump Resistance (ASTM D2202):	No slump at 180°F
Panel Installation Temperature:	Sealer allows panels to be installed from 0°F – 110°F
Service Temperature:	-50°F – 220°F

Corrosive Effects (TP-008):	No evidence of pitting or corrosion of galvanized steel, aluminum-zinc coated steel or aluminum after immersion in water at 160°F for 168-hours.
Copper Staining (TP-009):	No evidence of any darkening, etching or salt deposits on copper after 7-days storage of polished copper in the sealant at 158°F.
Staining (ASTM D925):	No evidence on fluoropolymer or polyester coatings.
Storage Stability:	Minimum of 12 months in original container.

For technical assistance, customer service and general information please contact us at:

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