



PRODUCT DATA

Urethane 200 Gray Sealant BMC Part No. 016688

PRODUCT DESCRIPTION:

deVan 200 is a high performance, one part, non-flowing, room temperature cure, modified urethane caulk. It exhibits fast cure over a wide range of temperatures to form a flexible, rubbery, low modulus, water-proof sealant. It has excellent adhesion and physical characteristics.

deVan 200 is non-sagging, flexible at low temperatures, permanently ductile, non-hardening and non-yellowing. It has excellent aging and weathering characteristics. It has good adhesion to aluminum-zinc coated steel, galvanized steel, FRP, painted steel, aluminum, glass, wood, and many plastics. It can be painted with most paints.

It is formulated to be used where total joint movement does not exceed 50%. It is designed to seal joints against infiltration of air, dust, moisture, and pollutants. It will seal interior and exposed exterior joints such as roof curbs, sky lights, and perimeter sealing of windows and doors.

This material contains no toluene diisocyanates (TDI) and no volatile organic solvents (0% VOC). It is authorized by the USDA for use in federally inspected meat and poultry plants.

TYPICAL CHARACTERISTICS:

Tack-Free Time:	30 to 60 minutes
Sag Resistance:	
ASTM C639	None
ASTM D-2202	None
MIL-A-46106B	None
Color: (ASTM D-1729)	Light gray
Weight per Gallon: (ASTM D-71)	13.4 to 14.8 pounds per gallon
Volume Percent Solids:	99%
Extrudability:	Requires less than 65 lbs to pump material at 77°F
Tensile Strength:	250 to 275psi
Ultimate Elongation:	500 to 900%
Modulus, 100%	50 to 80psi
Hardness (Shore A):	45 – 50
Joint Movement Capability:	± 25%

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Flexibility:	No cracking, separation, or loss of adhesion at -75°F
Staining:	None
Corrosivity:	No evidence of pitting or corrosion of galvanized steel, aluminum-zinc coated steel, and aluminum after immersion in water at 160°F for 168 hours
Weatherability:	No apparent change of physical properties after 500 hours in Q.U.V. weather-o-meter. No discoloration of sealer
Service Temperature:	-75°F to 180°F
Shelf Life:	Six months in sealed carton at ambient temperatures
Toxicity:	Non-toxic under normal use. Do not ingest. For industrial use only
Coverage Range:	Approximately 33 lineal feet per cartridge of a ¼" diameter bead
VOC Content:	0 lb/gal
Clean-up:	Toluene or Xylene

SPECIFIC REGULATIONS:

Federal Specifications:	TT-S-00230C Type II, Class A
ASTM:	C920, Type S, Grade NS, Class 25, Use NT, G, M, A and O
USDA:	Is acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under Federal Inspection
Canadian Specification:	CGSB-19, 13-M87

Complete technical information is available from deVan Sealants, Inc. For technical assistance, customer service and general information please call:

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