



PRODUCT DATA

Urethane 200 Adhesive/Sealant

BMC Part No. 016688

DESCRIPTION:

Urethane 200 is a high performance, one-component, modified urethane for use in adhesive and sealant applications. It exhibits a fast cure over a wide range of temperatures and has the following uses and advantages:

- Seals interior and exposed exterior joints such as roof curbs, sky lights and perimeter sealing of windows and doors
- Designed to seal joints against infiltration of air, dust, moisture and pollutants
- Flexible at temperatures down to -75°F without cracking, separation or loss of adhesion
- Non-hardening
- Waterproof
- Non-sagging
- Non-staining
- Non-yellowing, with excellent weathering characteristics
- Excellent adhesion to steel, galvanized steel, aluminum-zinc coated steel, painted steel, aluminum, brass, glass, granite, marble, wood, FRP and many plastics
- Can be painted over with most paints
- Contains no solvents, very low VOC level
- Contains no isocyanates such as TDI

SURFACE PREPARATION:

Apply to clean, dry surfaces that are free of contamination. Remove any old sealant prior to application and apply material to a small area to test substrate compatibility with the product.

PROPERTIES:

Color (ASTM D1729):	Gray, Black, and White
Weight per Gallon (ASTM D71):	13.9 ± 0.5 pounds per gallon
Specific Gravity (ASTM D71):	1.70 ± 0.5
Percent Solids (ASTM C771):	99% by weight
Hardness – Shore A:	45 – 50
Tack-Free Time:	< 1-hour @ 77°F & 50% RH
Service Temperature:	-75°F to 180°F continuous, intermittent up to 300°F
Tensile Strength (ASTM D412):	225 psi
Lap Shear Strength (ASTM D1002):	275 psi

Elongation at Break:	275%
Modulus, 100%	50 – 80 psi
Joint Movement (ASTM C920):	± 25%
Corrosivity:	No evidence of pitting or corrosion when bonded to galvanized steel, aluminum-zinc coated steel or aluminum after 168-hr immersion in 160°F water.
Weatherability (ASTM D750):	No apparent change in physical properties or discoloration after 500-hours QUV exposure.
Viscosity:	500,000 ± 50,000 cps
VOC Content:	<0.08 pounds/gallon (<10 grams/liter)
Clean Up:	Mineral spirits
Shelf Life:	9-months in cartridges and sausage packs. 6-months in 5-gallon and 55-gallon containers. Store unopened product at <80°F.

REGULATIONS AND SPECIFICATIONS:

AAMA:	Meets the requirements of 802.3, Type II
ASTM:	C920, Type S, Grade NS, Class 25, Uses NT, M, G, A and O.
Federal Specifications:	TT-S-00230C Type II, Class A
USDA:	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, Classification MCG-2-25-A-N.

For technical assistance, customer service and general information please call:

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