



Technical Data Sheet

Blue Max® Caulk

Stock Codes

BMX10TUBE BE

Packaging Information

- 10.1 Ounce Cartridge

Characteristics

Ames® Blue Max® Caulk is a tough, high solids, elastomeric rubber primarily used as a filler and sealer for masonry, cement backer board, ICF, wood, metal, and other substrates, and is an accessory to other Ames® products. Blue Max® Caulk is suitable for use with roofs, walls, floors, shower pans and drain assemblies, and EIFS repair. It adheres to most substrates and can be applied horizontally or vertically. When used as directed, Blue Max® Caulk forms a flexible waterproof seal and fills joints, holes, valleys, cracks, vents, low spots, flashings, seams, and other leaking areas.

Blue Max® Caulk fills voids and cracks up to 5/8" with no sagging and minimal shrinkage. It features a high tensile strength, very low water swell, and excellent resistance to mold and mildew. Blue Max® Caulk is water-based, easy to clean up and easy to apply. When dry, it turns dark blue and is paintable with a latex paint or coating. Blue Max® Caulk is UV-sensitive and must be top coated. Blue Max® Caulk offers excellent adhesion with many substrates, including Concrete, Brick & Mortar, Cement Board, Green Board, Plywood, Pressure-Treated Wood, Cedar, OSB, Aluminum, Galvanized Steel, Rolled Roofing, ICF, Foam and EIFS.

VOLUME SOLIDS	59%
WEIGHT PER GALLON	ASTM D1475 12.36 lbs/gal
COLOR	Blue
COVERAGE	Dependent on application
DRY TIME	Allow 24 hours between coats
CURE TIME	7-10 days
ELONGATION	ASTM D2370 up to 200% at 20 mils DFT
FINISH	Flat – Paintable
FLASH POINT	>200° F
HUMIDITY	Best applied at 50% humidity or below
MOLD & MILDEW RESISTANCE	No Growth
PH AS SHIPPED	ASTM E70 8.50-9.0
TENSILE STRENGTH	ASTM D2370 up to 200 psi at 20 mils DFT
SHELF LIFE	24 Months Unopened
WATER SWELL	ASTM 471D 4.22%
V.O.C CONTENT	< 50 g/l
VAPOR PERMEABILITY	0.156 Perms
VISCOSITY	200,000 CPS #7 @10

Compliance

SCAQMD	Yes
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Preparation

Surfaces to be caulked/sealed must be clean, dry, and free from all contaminants, loose mortar, laitance, form release agents, old caulking, and old paint. Allow new concrete to cure for 28 days before caulking. Apply to warm, dry surfaces between 50°F to 90°F and less than 30% humidity.

Application

Begin by cleaning the crack or gap area and allow to dry. Use backer rod in joint before applying caulk when appropriate to control depth of sealant. Next, pull off the Blue Max® Caulk resealable cap and cut the nozzle at a 45° angle and at the desired bead size. Insert nail or screwdriver into the center of the caulk tube tip and remove it. Load the Blue Max® Caulk tube into the caulking gun. Fill the crack or gap with sealant and smooth the bead as needed. Clean up any excess, uncured sealant with a damp sponge before it skins over. Blue Max® Caulk is paintable in approximately 2 hours depending upon humidity and depth of fill. Be sure to reseal the cartridge for storage and re-use.

Approximate Coverage in Linear Feet

One tube of Blue Max® Caulk should cover 55 linear feet at 3/16" bead or 30 linear feet at 1/4" bead when installing at a depth equivalent to half the width.

Disclaimer

The information and specifications set forth in this Technical Data Sheet are based on tests conducted by or on behalf of Ames Research Laboratories, Inc. All information is subject to change and pertains to the product available at time of publication. Please contact Ames Research Laboratories to receive the most recent Technical Data Sheet.

Clean-up, Storage & Disposal

- Clean up application equipment, tools, spills, hands immediately after use with water
- Store unused product in the original container tightly sealed
- Dispose of this product in accordance with local, state, or federal requirements
- Protect from freezing

Cautions

- Do not take internally
- Keep out of reach of children
- Avoid contact with skin and eyes
- Use hand and eye protection when using this product
- Wash with soap and water after contact with skin
- If eye-contact occurs rinse with clean water and seek medical advice if symptoms continue

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