



**FLEXSEAL™ 500
ACRYLIC ELASTOMERIC SEALANT
MC-00601**

PRODUCT DATA

GENERIC TYPE:

Acrylic Copolymer Latex/Siliconized Caulk

DESCRIPTION: McCormick FLEXSEAL™ 500 is a premium 50 year Acrylic Elastomeric Sealant. This Acrylic Sealant can be used on a wide variety of interior and exterior surfaces, delivering superior adhesion and durability. FLEXSEAL 500 forms a flexible, durable, airtight, water resistant seal that offers exceptional protection from environmental conditions and features high elongation and superior recovery. Once cured, the bead is mildew resistant.

- Meets ASTM C-920, Grade NS, Class 12.5
- Meets ASTM C-834, Type P, Grade -18°C
- Meets Fed. Spec. TTS-00230 Type S,

FEATURES:

- Superior Flexibility & Elongation
- 50 Year Durability Guarantee
- Interior & Exterior Use
- Excellent Paintability
- Seals Out Air & Water
- Performs Like Silicone, Yet Easy to Use

RECOMMENDED USES: For sealing properly prepared joints, gaps and penetrations. FLEXSEAL 500 is designed to be used where a 100% Acrylic Sealant is preferred for sealing the following: Crown Molding, Windows, Trim, Doors, Sinks, Counters, Siding, Penetrations, Stucco, EIFS, Hardboard and Flashing. Substrates include, but are not limited to: Masonry, Brick, Concrete, Wood, Metal, Marble, Glass, Porcelain and Ceramic Tile.

BENEFITS:

- Seals up to 1/2" in properly designed joint
- Guaranteed not to crack, peel or separate when applied as directed
- Low VOC <1.5%
- Cured Bead is Mildew Resistant
- Soap and water clean up
- May be top coated with latex and alkyd/oil paints.

SURFACE PREPARATION

Surfaces to be caulked must be dry and free of all dirt, dust, oil, mildew, loose paint, old caulk or other contaminants. Bare surfaces should be primed before caulking. Only apply when sealant, surface and air temperatures are above 40° F and rising. Do not apply on surfaces that exceed 120° F, or when rain is expected.

APPLICATION: 1. Cut nozzle at a 45° angle. Cured bead should be between 1/8" and 1/2". Use a non-gassing foam backer rod or bond breaker tape to avoid 3 point adhesion. 2. Tool or smooth bead within 10 to 15 minutes, depending on climatic conditions. 3. Clean up tools with soap and water. 4. Depending on climatic conditions, allow 4 to 6 hours curing time prior to painting. **Note:** If unsure of topcoat compatibility, test on scrap material.

PHYSICAL CHARACTERISTICS

- **Colors:** White
- **Vehicle Type:** 100% Acrylic Polymer / Siliconized
- **VOC Less exempt solvents:** <1.5% or 25g/L
- **Pigment:** Calcium Carbonate
- **Weight/Gallon:** 13.5± 0.5
- **Specific Gravity:** Approx. 1.58
- **Service Temperature:** -35°F to 180°F
- **Temperature Application Range:** 40°F and rising. Air temp <95°F and substrate temp <120°F
- **Freeze Thaw Stability:** Passes 5 Cycles @0°F (1 cycle = 16hrs @ 0°F & 8hrs @ 75°F
- **Dynamic Joint Movement:** Tested to + 12.5%
- **Flash Point:** None
- **Consistency:** 13 to 23 G/S @ 75°F (SEMCO Gun at 50 psi)
- **Applications:** Interior/Exterior
- **Life Expectancy:** 50 year performance
- **Shelf Life:** 12 months when stored at 50°F to 80°F
- **Coverage:** 10.1 fl oz: 54 linear ft. at a 3/16" bead
- **Tooling Time:** 10 to 15 Minutes
- **Tack Free Time:** 60 Minutes
- **Application:** Caulk Gun
- **Thinning:** None
- **Clean Up:** Warm Water and Detergent
- **Packaging:** 10.1 FL. OZ. Cartridge

NOT RECOMMENDED: This product is not recommended for below grade applications, or applications subject to immersion or prolonged contact with water. Do not use in areas that will come in contact with food. Keep from freezing.

CAUTION AND FIRST AID

KEEP OUT OF REACH OF CHILDREN.

WARNING! IRRITATING TO SKIN, EYES AND RESPIRATORY TRACT. Avoid contact with eyes, skin and clothing. Wear eye, skin and respiratory protection. Use in well ventilated area. Harmful if swallowed, inhaled or absorbed through the skin. May cause allergic skin reactions and/or central nervous system depression. Adverse reproduction effects have been reported in animals. May cause adverse kidney effects. Eye contact: Immediately flush with water for 15 minutes and get medical attention immediately. If Swallowed: Do not induce vomiting. Give large quantities of water and get medical attention. Never give anything by mouth to an unconscious person.

For health information refer to Material Safety Data Sheet or call Chemtrec at 800-424-9300.

VOC < 1.5%. California Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harms. Ingredients: Acrylic polymer, Calcium Carbonate, Ethylene Glycol, Mineral Spirits, and Phthalate Ester.

LIMITED WARRANTY: Manufacturer warrants that this product provided it is properly stored and applied, will not crack, peel, or separate for 50 years. If a failure occurs, return proof of purchase for replacement. Manufacturer shall not be held liable for damages in excess of the purchase price. This is the sole and exclusive remedy and liability for defects or failure of this product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.**

CONTAINER LABELING COMPLIES WITH APPLICABLE STATE RIGHT-TO-KNOW ACTS. For additional safety and health information, please refer to the Material Safety Data Sheet (MSDS).

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MANUFACTURED FOR:

McCormick Paints
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