



# ACRYLIC

**DESCRIPTION:**

MS-ACRYLIC Bonding Agent is a modified acrylic emulsion designed to enhance the bonding of Portland cement compounds to concrete, masonry and stucco surfaces, both horizontal and vertical. MS-ACRYLIC is non-toxic, non-flammable and safe to use. It is free of solvents or harmful ingredients. MS-ACRYLIC is resistant to freeze-thaw cycles, attacks of acids and alkalis. MS-ACRYLIC complies with Mil-B-19235A (Docks) GSA Specification for bonding adhesive and Corps of Engineers CE 240.01.

**USES:**

MS-ACRYLIC is used in the bonding of new concrete to either new or old concrete. It is used with patching compounds to repair precast concrete panels, concrete floors, prestress concrete, beams and masonry surfaces.

**COMPOSITION:**

MS -ACRYLIC Bonding Agent is a special formulation of high solids acrylic polymers and modifiers. It is non-yellowing and white in color.

Weight per gallon: 8.6 lbs.  
Solids: 28%

**SURFACE PREPARATION:**

Surfaces must be clean, free of dirt, oil, sealing compounds, paint, efflorescence, and form oil and be structurally sound. Smooth precast should be abraded to insure an absorptive surface for proper bonding.

**MIXING INSTRUCTIONS:**

Stir MS-ACRYLIC thoroughly in a clean container using a slow-speed (650 RPM) paddle-type mixer.

**RECOMMENDED MIXTURE:**

For bonding slurry, mix 1 part Portland cement, 3 parts sand and add undiluted MS-ACRYLIC to produce a slurry. Brush the slurry mixture into surface pores to eliminate trapped air and insure proper bonding of patching material. Do not let slurry coat dry before applying patching compound. For cement coatings, MS-ACRYLIC may be diluted to 1 part MS-ACRYLIC to 3 parts water.

**CAUTIONS:**

Do not apply cement-based mixtures containing MS-ACRYLIC when the temperature is 40°F and falling. Do not use with products made with air-entrained cements. Provide proper ventilation in areas while using MS-ACRYLIC. Do not allow MS-ACRYLIC to freeze.

**SAFETY PRECAUTIONS:**

MS-ACRYLIC is a water-based product and is environmentally safe; however, avoid contact with the eyes and skin. In case of eye contact, flood eyes with clean water and call a physician. Soap and clean water will remove any contact made with the skin. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

**PACKAGING:**

1-gallon Plastic Bottle (4 – 1-gallon Plastic Bottles per Case)  
5-gallon Plastic Pail (36 – 5-gallon Plastic Pails per Pallet)

**STORAGE:**

Protect from freezing. Store in areas when temperatures are between 40°F and 90°F. Shelf life is approximately 2 years if properly stored.

This information is based on our best knowledge. We assume no responsibility for the use of these recommendations or statements. We do not intend them for any use that would infringe on any patent or copyright.

**CEMENT TECHNOLOGY, A DIVISION OF MASONRY SUPPLY, INC.,  
156 Piper Rd., Covington, Georgia, 30014**