

Acrylic Additive

BONSAL® Acrylic Additive is a liquid acrylic polymer specifically designed as an admixture for cement based products.

FEATURES AND BENEFITS:

- Increases Bond Strength
- Improves Abrasion and Water Resistance
- Will not Discolor White Products
- Improves Freeze-Thaw Resistance
- Improves Flexibility and Elongation After Exposure and Aging
- Improves Workability
- Improves Corrosion Resistance
- Interior or Exterior
- Superior Wet Strength
- Reduces Shrinkage
- Promotes Curing
- Meets ANSI 118.4 1992

USES:

For Use With

- Stucco
- Mortar
- Plaster
- Tile Grout
- Masonry Coatings
- Scratch And Brown Coat
- Surface Bonding Cements
- Cement Based Repair Materials

PREPARATION:

Evaluation of the substrate by a qualified engineer, architect or contractor using means that determine the cause of deterioration is strongly recommended. Particular attention is to be given but not limited to chloride penetration, corrosion of steel galvanic activity, materials selection and compatibility, waterproofing, constructibility, quality assurance and methods of application and maintenance by the owner.

Clean area and remove all unsound concrete, grease, oil, paint, and any other foreign materials that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened.

Refer to:

- ASTM D 4258 Surface Cleaning Concrete for Coating
- ASTM D 4259 Abrading Concrete
- ASTM D 4260 Acid Etching Concrete
- ASTM D 4261 Surface Cleaning Concrete Unit Masonry for Coating

PREPARATION (Cont.):

- ASTM D 4580 Measuring Delaminations in Concrete Bridge Decks by Sounding
- ACI 201.1R Guide for Making a Condition Survey of Concrete in Service
- ACI 201.3R Guide for Making a Condition Survey of Concrete Pavements

Make a test area and examine after several days. Before application, dampen the area and remove excess water.

MIXING:

Thoroughly stir Acrylic Additive before use. If diluted, mix the water with the Acrylic Additive first. Add cement material to the admixture solution. Agitate slowly.

Minimum Acrylic Additive to Water Dilution:

Stucco	1:3
Concrete Repair Products	1:3
Plaster	1:3
Surface Bonding Cements	1:3
Scratch and Brown Coats	1:3
Cement Paints	1:2
Mortar Mixes	1:1
Sand Mixes	1:1
Concrete Mixes	Undiluted
Slurry Coats	Undiluted

More concentrated dilutions may be required. A test area is recommended.

PLACEMENT:

Place the cement material within 20 minutes of adding Acrylic Additive.

Finishing

Trowel into place with light pressure. A wood float is preferred.

Placement Temperature

	Minimum	Maximum
Substrate	45°F (7°C)	90°F (32.2°C)
Mix	45°F (7°C)	90°F (32.2°C)
Air	45°F (7°C)	90°F (32.2°C)

For more detailed information on using BONSAL® Acrylic Additive with other BONSAL® products consult corresponding product literature.

CURING:

Polymer modified materials should be air cured unless hot and/or drying winds or low humidity are present. Under such conditions, apply a fine mist of water once or twice a day.

Repairs subject to constant immersion in water, such as swimming pools and reservoirs, should air cure for 7 days before filling.

LIMITATIONS:

- DO NOT** over trowel.
- DO NOT** mix more than can be placed in 20 minutes.
- DO NOT** store below 45° F (7°C) or above 90° F (32.2°C).
- DO NOT** allow to freeze.
- DO NOT** apply if temperature is expected to fall below 45° F (7°C) within 48 hours.
- DO NOT** allow slurry coat to harden before final repair.
- DO NOT** use more water than recommended or bond will be reduced.
- DO NOT** wet cure unless conditions are severe.
- DO NOT** use membrane curing compounds until cured seven days.
- DO NOT** use as a substrate applied bonding agent or primer.
- DO NOT** allow prolonged exposure to certain solvents or detergents.
- DO NOT** moist cure test specimens.
- DO NOT** reuse empty container. Recycle or dispose of properly.

COLOR:

Colorless, dries to a clear transparent film.

COVERAGE:

Depends upon the specific product being used. Consult corresponding product literature for coverage details.

PACKAGING:

1 quart/.94 liters plastic container (6/Case)
1 gallon/3.78 liters plastic container (4/Case)
5 gallon/18.9 liters pail
55 gallon/208.1 liters drum

SHELF LIFE:

One year from the date of manufacture.

PROTECT FROM FREEZING

CAUTION: Contains polymethacrylate latex. May be harmful if swallowed. Call physician immediately. Avoid contact with eyes. In case of eye contact, flush with clean water for at least 15 minutes and get prompt medical attention. Empty container may be hazardous to children.

KEEP OUT OF REACH OF CHILDREN.

Technical Assistance

Charlotte, NC

(800) 334-0784

LIMITED WARRANTY: W.R. Bonsal Company ("Bonsal") warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal for its use, and Bonsal shall not be liable otherwise. Replacement of any defective product or, at Bonsal's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal shall in no event be liable for any damages in excess of the purchase price of the defective product. **BONSAL SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES.**

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