



ACRYLIC BONDING AGENT

AB-609

EXTREME DUTY

PRODUCT

DESCRIPTION:

A transparent 100% acrylic concrete adhesive and fortifier for interior or exterior use, to bond new concrete to old without the laborious scarification process which is usually necessary. Stronger than most concrete, this powerful bonding agent will retain plasticity and never become brittle. It withstands humidity and temperatures from -40°F to 300°F (-40°C to 149°C); can be applied over damp or dry surfaces and is not affected by alkalinity of lime plaster or portland cement.

BASIC USES:

Improves bonding properties when application is to be made over dense concrete or masonry. When used as admixture to portland cement mixes improves adhesion and reduce cracking in toppings, patching or re-surfacing concrete walls, floors or ramps.

PRODUCT

ADVANTAGES:

- * Water resistant
- * Excellent coverage
- * Water cleanup
- * Non-flammable
- * Fast-drying
- * Improves adhesion
- * Safe to use
- * Excellent bond strength
- * Does not contain harmful solvents
- * Reduces cracking

TECHNICAL DATA

Percent Solids:	34.53 ± 1% by weight 75.95 ± 1% by volume	Color:	Transparent
Weight / Gallon:	8.70 ± .05 lbs.	Viscosity:	Liquid
Flash Point:	Non-flammable	Thinning:	Water
Specific Gravity:	1.046	Coverage:	See mixes on back page
Drying Time:	To touch: 20 minutes To cure: 4 days	Sizes:	55 gallons 5 gallons 1 gallon 1 quart

Surface Preparation: Remove all loose material, oil, grease, dust, efflorescence and laitance. Sweep or blow out with air. Dampen area but do not leave standing water. When preparing concrete mix, make sure sand is clean and dry.

Mixing: Always mix thoroughly before application then add *Acrylic Bonding Agent* to concrete mix. In concrete-sand or concrete mixes, mix only 1 – 2 minutes (over mixing entrains excessive air).

Application Instruction: Satisfactory bonding can be obtained by using the following procedure:

- (1) Stir contents of container thoroughly before use.
- (2) Surface should be free of dust, sand or foreign matter.
- (3) Brush on a slurry of straight *Acrylic Bonding Agent* and cement-sand mix to eliminate air pockets.
- (4) Place mix into areas to be repaired (maximum time for placement of the mortar mix must not exceed 20 minutes).
- (5) Trowel mix into place using light pressure.
- (6) Clean trowel frequently and very little pressure should be used.
- (7) If necessary, light re-troweling may be done approximately 15 minutes after initial placing by retempering surface sparingly.

Drying Time: When drying is rapid due to high temperature or breeze, cover surface with wet burlap. In 24 to 48 hours areas will be ready for normal use. Four (4) days curing period is required for heavy traffic areas. For pools, allow to dry for 70-95 hours before adding water.

Mixes: For Concrete Patching:

- (1) 45 lbs. of 1-3 cement sand mix: add 1 gallon of *Acrylic Bonding Agent*
- (2) 80 lbs. of gravel mix: add 1 gallon of *Acrylic Bonding Agent*.

For Large Overlays: Mix 2 parts *Acrylic Bonding Agent* to 1 part clean water.

Limitations: Do not use with air entrained cement or in areas where circulation of air is limited. Mixes should not be applied at temperature below 45° F or to frost-filled surfaces.

Note: First apply a slurry coat of straight Bonding Agent and Cement Sand Mix in a brush consistency. Then apply Cement Sand Mix to mortar consistency and fill patch.

Cleanup: Clean all equipment immediately after use with warm soapy water.

Caution: Do not take internally. Close container after each use. Keep out of reach of children. Use only with adequate ventilation.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

M.S.D.S.: Available upon request.