

ACRYLIC BONDING AGENT

Acrylic bonding agent and admixture

DESCRIPTION

An acrylic admixture and bonding agent designed to improve the adhesion and durability of concrete, masonry, stucco, terrazzo and Portland cement-sand mixes to horizontal and vertical concrete and other surfaces.

FEATURES / BENEFITS

- Improves the flexural strength, bond strength and impact resistance of mortars and concrete.
- Concrete and mortar fortified with ACRYLIC BONDING AGENT exhibit excellent resistance to cycles of freezing and thawing and to penetration of chloride ions.
- Minimizes cracks in concrete, stucco and plaster when used as an admixture
- Eliminates the need for separate air entraining agents
- V.O.C. compliant

SPECIFICATIONS/COMPLIANCES

Meets specifications:

- ASTM C 1042 - Bond Strength of Latex Systems Used With Concrete - Type 2
- Sheer Bond Strength: 2000 psi avg (13.8 MPa)
- ASTM C 1059 Latex Agents for Bonding Fresh to Hardened Concrete - Type II
- **Actual VOC Content = 0 grams/liter**

APPLICATION

Surface Preparation: Mechanically abrade existing substrate to remove all unsound concrete. Substrate must be structurally sound and free of grease, oil, dirt or any other contaminants that may adversely affect the bond. Prepared surface must be dust-free and must have sufficient profile to ensure adequate mechanical lock. Substrate must be saturated, surface dry (SSD) and free of standing water.

Mixing and Application Guidelines: Mix designs vary with specific job requirements. Proportioning of sand, cement and ACRYLIC BONDING AGENT (diluted or neat) ratios achieve different physical properties. The application instructions highlight typical conditions. (When in doubt, always apply a test patch).

Admixture: Typically, blend one part cement to three parts sand then add enough ACRYLIC BONDING AGENT until a desired consistency is achieved. To avoid trapping air, do not over-mix. Place modified mortar/repair material and finish appropriately, taking care not to overwork the material. Once the finishing process is completed, immediately cure work zone with undiluted ACRYLIC BONDING AGENT.

Bond Coat: Mix one part cement to two parts sand, then add enough undiluted ACRYLIC BONDING AGENT to make a slurry consistency. Work slurry into repair area or concrete substrate with a stiff masonry brush, coating the entire area, paying special attention to the corners, sides and any exposed rebar. Place concrete or mortar material before the ACRYLIC BONDING AGENT bond coat becomes tack-free.

Bonding Agent (Neat): Apply undiluted ACRYLIC BONDING AGENT to the prepared surface by brush, roller or garden type sprayer. Place concrete or mortar before applied surface dries.

PACKAGING

55 gallon drums (208.2 L)
5 gallon pails (18.9L)
1 gallon jugs (3.8L) (4 to a case)

LIMITATIONS / PRECAUTIONS

Do not allow to freeze

Do not apply over frozen surfaces, water soluble paints, rust or peeling paints.

Prolonged water curing of ACRYLIC BONDING AGENT mortars or concrete is neither necessary nor desirable.

Do not apply where excessive hydrostatic pressure is present.

ACRYLIC BONDING AGENT is not recommended as a water-proofing agent.

Until topping is placed, protect ACRYLIC BONDING AGENT film from dirt and other job site contaminants.

Avoid hazards by following all precautions found in the Material Safety Data Sheets (MSDS), product labels, and technical literature.

SHELF LIFE / STORAGE

Shelf life of ACRYLIC BONDING AGENT in the original tightly closed container is 1 year from the date of manufacture. Do not allow the accumulation of water, dirt or other contaminants.

WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

Manufacturer offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of Manufacturer. No other representative of or for Manufacturer is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

Manufacturer warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, Manufacturer will replace the defective product with new product without charge to the purchaser. Manufacturer makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERIT RISK

Purchaser assumes all risk associated with the use or application of the product.



White Cap[®]
CONSTRUCTION SUPPLY

3120 Airway Ave.
Costa Mesa, CA 92626
800-300-3120