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ACRY-LOK™

An Acrylic Polymer, Bond Enhancing, Admixture

DESCRIPTION

ACRY-LOK is a high solids, acrylic polymer latex bonding agent and admixture. This milky white liquid is non-yellowing in Portland cement mortars and concrete. When used as an admixture, ACRY-LOK provides increased abrasion and crack resistance, flexural strength, and freeze/thaw tolerance. Permeability is reduced, allowing more protection from chloride intrusion.

As a bonding agent, ACRY-LOK enhances the bond between existing concrete and placement of the fresh repair. It will not re-emulsify.

USES

Since ACRY-LOK will not re-emulsify, concrete repairs/mortars fortified with ACRY-LOK are ideal for interior, exterior and moisture-related applications. Typical areas that would benefit from properties of this product include toppings, mortars, grouts, vertical, horizontal and overhead patching. For enhanced bonding, use ACRY-LOK as an additive in bond coats. Only use ACRY-LOK neat for bonding repairs or very small bonding applications.

SPECIFICATIONS

*Meets ASTM C 1059-91, Type II,
(Non-Re-emulsifiable)

PACKAGING

1 Gallon (3.79 Liters) Unit, (4) per Carton
5 Gallon (18.93 Liters) Pails
55 Gallon (208.20 Liters) Drums

SHELF LIFE

1 year in unopened container, stored at
50°F - 85°F (10°C - 29.4°C).

**ADDITIONAL RESTORATION PRODUCTS
FROM W. R. MEADOWS CAN BE FOUND
BY VISITING OUR WEBSITE:**

www.wrmeadows.com

FEATURES/BENEFITS

- Significantly improves adhesion / Longer lasting repairs.
- Increases flexural strength / Better durability.
- Non-re-emulsifiable / Superior performance in a wet environment.
- Lowers permeability / Denser, more chemically resistant repairs.
- Greater resistance to freeze-thaw / Better repair cycling performance.
- Multi-purpose applications / Easy to use.
- Increases abrasion resistance / Strong, permanent repairs.
- Non-yellowing / Aesthetically appealing exterior repairs.

FOR INDUSTRIAL USE ONLY

APPLICATION

Surface Preparation...Mechanically abrade existing substrate to remove all unsound concrete, but do not use excessive force which may cause micro-fracturing. Substrate must be structurally sound and free of grease, oil, dirt or any other contaminants that can adversely affect the bond. Prepared surface must be dust-free and have sufficient profile to ensure adequate mechanical lock. Substrate must be saturated, surface dry (SSD) and free of standing water.

Mixing and Application Notes...Mix designs vary with specific job requirements. Proportioning of sand, cement and ACRY-LOK (Diluted or neat) ratios achieve different physical properties. The application instructions highlight typical conditions. **(When in doubt, always apply a test patch).**

CONTINUED ON REVERSE SIDE...

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AS AN ADMIXTURE... Typically, blend one part cement to three parts sand then add enough ACRY-LOK until a desired consistency is achieved. To avoid trapping air, do not over-mix. Place modified mortar/repair material and finish appropriately, careful not to overwork the material. Once the finishing process is completed, immediately cure work zone with undiluted ACRY-LOK or one of several water-base curing compounds from W. R. MEADOWS. Do not use solvent-base curing compounds.

***AS A BOND COAT...** Mix one-part cement to two parts sand, then add enough undiluted ACRY-LOK to make a slurry consistency. Work slurry into the 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 prior to the ACRY-LOK bond coat becoming tack-free.

AS A BONDING AGENT (NEAT)... Apply ACRY-LOK undiluted by brush, roller or garden type sprayer on to prepared surface. Place concrete or mortar before applied ACRY-LOK surface dries. Use ACRY-LOK neat as a bonding agent only on very small applications. ACRY-LOK, used neat, does not conform to the structural bonding requirements of ASTM C 1059-91, Type II.

PRECAUTIONS

- Designed for professional contractors, industrial use only.
- Do not allow to freeze, properly dispose of any material that has been frozen.
- Do not apply ACRY-LOK when temperature is expected to be below 40°F (4°C) within 48 hours or when rain is imminent.

- Avoid over-mixing and over-working the surface.
- ACRY-LOK may increase air content.
- ACRY-LOK will alter mechanical properties.

SAFETY AND TOXICITY

Avoid direct contact with this product. Use of safety glasses, rubber gloves and protective clothing is recommended. If contact occurs, wash affected areas with mild soap and water. Keep product out of reach of children. Refer to Material Safety Data Sheet for complete health and safety information.

TO VERIFY MOST RECENT TECHNICAL DATA SHEET IS BEING USED, VISIT OUR WEBSITE: www.wrmeadows.com



LIMITED WARRANTY

“W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order.” Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.