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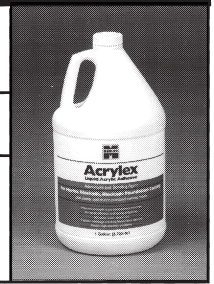
Acrylex

TYPE

Liquid Acrylic Adhesive Admixture

PRODUCT OVERVIEW

Acrylex is a one component, water-base, non-yellowing acrylic polymer emulsion, used as an internal admixture for Portland cement mortars, cement plaster, stucco and concrete mixes.



BENEFITS

- Improves tensile, flexural and compressive strengths when added to portland cement materials.
- Increases adhesion and curing properties.
- Increases water resistance.
- Reduces shrinkage, cracking, and freeze/thaw damage.
- Increases resistance to problems associated with high alkalinity.
- VOC compliant.

COMPONENTS AND STORAGE

Available in 1 gallon bottles and 5 gallon pails. Do not store in direct sunlight. Storage temperature should be between 50° F (10° C) and 90° F (32°C). Protect from freezing. Shelf life is approximately 2 years with proper storage.

SURFACE PREPARATION

All receiving surfaces must be structurally sound, clean, free of dust, dirt, silicones, paint products, efflorescence or any other contaminant which could hinder bonding ability. Allow new cement and masonry surfaces to fully cure (approximately 28 days) prior to application. Surface cracks, holes or voids should be repaired. Smooth or painted surfaces must be cleaned in an abrasive manner (high pressure water blast, scraping, sanding or sandblasting) to open surface pores and allow for a good bond.

ADMIX USAGE

Use with cement plaster and stucco to increase adhesion and reduce cracking. Use in Portland cement-based repair and patching materials for repairing. Cement mixes prepared with Acrylex are suitable for exterior, interior, above or below grade applications where a hard, strong, fast curing material is required.

ADMIX MIXING

Stir slowly according to package directions. Dilute as recommended with clean, potable, water. Do not aerate. For maximum improvements in adhesion and strength, add Acrylex at a ratio of 1:3 with clear, potable water to the plaster or stucco. When used as an admix the normal ratio to Acrylex to water is 1 part Acrylex to 3 parts of water (1:3). Where the need for more physical and chemical resistance are needed, increase the Acrylex content in the mixing liquid to a 1:2 or 1:1 Acrylex to water ratio.

CLEAN UP

Clean all tool and equipment with detergent and water immediately after use. Clean up spills, spatters and overspray before it is allowed to dry.

LIMITATIONS

Do not allow Acrylex to freeze. Do not apply over frozen or frost filled surfaces. Do not use when ambient temperature will fall below 40° F (4° C) within 48 hours after application. Caution: Do not use with air entrained cements.

WARRANTY

Acrylex is warranted to perform in accordance with the product specification when used according to application instructions on the label. This warranty is limited and shall not exceed the total amount paid by the buyer for the product. In no event will Merlex Stucco, Inc. be liable for loss of profits, special or consequential damages in respect to any claim. The foregoing warranties are in lieu of all other warranties express or implied including those concerning fitness for a particular use.

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Technical Bulletin III

Division 3 Concrete Repair and Finishing

Division 7 Moisture Protection

Revised 6/1/05

**ENVIRONMENTAL
AND SAFETY**

Avoid contact with skin. Avoid breathing mist. Wash hands after use and before eating. For contact with eyes, flush immediately with water and consult physician. If ingested, induce vomiting and call physician. **Keep out of reach of children.** Acrylex is a water based product and is environmentally safe; however, it is intended for industrial use only.

TECHNICAL DATA

<i>Property</i>	<i>Result</i>
Product type	100% acrylic polymer emulsion
Appearance	Milky White
Weight	8.9 lbs (4 kg)
Specific Gravity	Approximately 1.05
Solids	Approximately 30% to 35%
pH	Approximately 9.0 to 9.3
Minimum film formation temperature	Approximately 50° F (10°C)
