



# A-CRYLIC GROUT ADMIXTURE

Latex Liquid Additive for Mortars and Grouts

## Product Information

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**A-Crylic Grout Admixture** is an acrylic latex emulsion that has been specifically formulated for the addition to TexRite grouts. The grout admixture will significantly improve the bond strength, provide higher density resistance to thermal shock, and flexibility of grouts. Because of its acrylic base, This liquid can enhance a grout's appearance through better color retention and less fading caused by ultraviolet rays.

### BASIC USE

**A-Crylic Grout Admixture** is primarily used as a grout additive in lieu of water to improve the physical characteristics for both interior and exterior installation. It is excellent for grouting tiles with high absorptive levels, 7% or better. These tiles tend to pull the water out of the grout during the curing process, thus severely inhibiting the normal hydration of Portland cement. **A-Crylic Grout Admixture** will help retain the water necessary for hydration, thus eliminating the necessity of damp curing in dry conditions.

### AREA OF USE

The **A-Crylic Grout Admixture** is best used in grout mortars. It is easier to clean off the surface of tiles than more conventional latex admixtures. This liquid may also be used as a latex additive for TexRite Dry-Set mortars and underlayments. When added to these products, it must be used as a direct replacement for water.

### LIMITATIONS

**A-Crylic Grout Admixture** must not be diluted with water when used with grouts, dry-sets mortars, and underlayments. Do not use over frozen substrates and when temperatures will be below 50° F for 72 hours following installation. When used in showers, swimming pools, spas etc. subjected to continuous water exposure, allow a minimum of 14 days of air curing. This product decreases water absorption but does not form a waterproof barrier.

### APPLICABLE STANDARDS

There are no industry accepted standards for latex grout admixtures.

When **A-Crylic Grout Admixture** is used with one of TexRite's Dry-Set mortars, it will meet the requirements for a latex-Portland cement mortar as found in ANSI A118.4, ANSI A108.5, A108.11, C.T.I.64-1 and latex grout A118.7.

### PACKAGING

COLOR: White liquid.  
TEXTURE: Free-flowing liquid.  
PACKAGING: 4/1 gallon bottles, 5 gallon pails, 55 gallon drum.

### INSTALLATION

#### Preparatory Work

All surfaces on which ceramic tiles are to be set must be dry, structurally sound and free from movement. Detailed installation procedures are in T.C.A. Handbook, and ANSI A108.5. Surfaces must be dry and free of all grease, oil, dust, dirt, curing compounds, sealers, coatings, efflorescence, cutback adhesive residue, gypsum based underlayment and other foreign matter.

#### Mixing with Dry-Set Mortars

When using this admixture, do not use a high speed, electrical drill type mixer. This will entrap air, which will in turn weaken the mortar.

Due to the nature of this product, it will always be used in conjunction with one of TexRite's products upon which detailed mixing and installation procedures will be found.

#### Evaluate the Installation

As in all cases, if proper precautions are taken before a job is started, many problems may be prevented which will assure a satisfactory job.

On Portland cement/sand setting beds (mud) a curing period of 72 hours is required to help reduce the problem of efflorescence due to free calcium. With thin-bed mortar, a period of 48 hours is sufficient. Solvent based adhesives cure by evaporation of solvents, which will destroy cement mortar; thus, a minimum of 24 hours should be allowed before grouting

#### Application for Grout

##### Sealing of the tile Prior to Grouting

Check the grouting material on the exact tile being used to determine if a grout release is required. Some tiles, due to rough surface texture or high porosity require sealing prior to grouting. Consult the tile manufacturer's literature and packing carton for advice regarding suitability for use with sand-cement colored grouts. Care should be exercised when applying a sealer so that the surface and not the tile edges are covered.

Open grout joints should be clean and free of all construction debris. Remove any thin-set in excess of 1/2 of the tile thickness. On exterior work and sometimes on interior work it may be necessary to use shades or screens to prevent rapid water evaporation due to sun or wind. Grouting should be done in the coolest part of the day during summer months. During winter months, care should be taken that both grout and mixing liquid are at least 60° F before combining. The tile and substrate shall also be maintained at a minimum 50° F for at a minimum of 72 hours.

*Care should be taken to prevent grout from being placed in expansion joints. Grout all areas of the installation with the same procedure.*



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### Coverage

Refer to directions on dry-set mortar and grout bags and product information sheets.

### Cleaning

Water is all that is needed to remove uncured admixture and uncured mortar. Remove excess grout from surface of tile as soon as possible after grouting as acrylic modified mortar becomes extremely difficult to remove when dry.

### Curing and Grouting

A minimum cure is obtained in 12 to 24 hours depending on ambient temperatures (ANSI A-108.5). Grouting can be done before the mortar takes its final set if caution is used not to break the plastic mortar bond to the tile. Normal grouting should be done 48 hours later.

## SPECIFICATIONS

### Technical Data: A-Crylic Grout Admixture

Test	Spec.	Dry-Sets		Grouts		
		With Water	With A-Crylic Admixture	With Water	With A-Crylic Admixture	
A. Bond Strength Vitreous tile	7 Day 28 Day	ANSI 118.4	>200 psi >400 psi	>600 psi >750 psi	>300 psi >400 psi	>500 psi >700 psi
B. Compressive Strength	7 Day 28 Day	ASTM C-109	>2100 psi >2600 psi	>2300 psi >3100 psi	>2600 psi >3500 psi	>4000 psi >4500 psi
C. Water Absorption		ANSI 118.4 ANSI 118.7	<8.0%	<4.0%	<8.0%	<4.0%
<p>D. <b>SAFETY-CAUTION:</b> Avoid inhalation of vapors, use in well ventilated areas. Avoid contact with eyes or skin. In case of contact with eyes, flush with water and call physician immediately; for skin contact, wash with warm soapy water. If material is swallowed, call physician immediately.</p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN.</b></p>						
<p>E. Storage Life- One year, if kept in dry sealed container. Protect from freezing</p>						

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