



# LA-O-TEX

Latex Liquid Additive for Underlayments and Dry-Set Mortars

## Product Information

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TexRite **La-O-Tex** Admixture is a blend of latex emulsions and special chemical modifiers that have been specially formulated for the addition to TexRite's dry-set mortars, grouts and underlayment systems. This admixture, when used in lieu of water, will significantly improve the bond strength and flexibility of mortar systems. In addition, it will increase a mortar's internal adhesion, frost resistance, flexural strength and inhibits the

penetration of water or other liquids.

### BASIC USE

**La-O-Tex** Admixture may be used with all underlayments, dry-sets and grouts that will be used in installations that will be subjected to sub-freezing conditions, heavy traffic and chemical abuse. It is suitable for both exterior and interior use. TexRite **La-O-Tex** Admixture is used as a direct replacement for water in TexRite Latex Underlayment systems. As a replacement for water in Portland cement/sand ('Mud') beds it enhances the water retention for better hydration, lowers the water/cement ratio, improves the compressive and flexural strengths, and reduces permeability by moisture.

### AREA OF USE

**La-O-Tex** Admixture is required for underlayments or upgrading dry-set mortars and grouts. Its latex solids content increases the internal and external strength of the material when added as a direct replacement for water. Use the liquid as a paintable or brushable primer coat to increase cohesion bond to suitable substrates prior to an application of a patch or bondcoat. **La-O-Tex** Admixture may be used as a latex additive for TexRite dry-set mortars and grouts that do not contain polymer modification.

### LIMITATIONS

TexRite **La-O-Tex** Admixture must not be diluted with water when used with dry-sets, underlayments or sand/cement mortar beds. When used with grouts, it may be diluted with 1 quart of water per 1 gallon of latex liquid. When using this liquid, do not use a high-speed electrical drill type mixer. This will entrap air, which will weaken the mortar. When used in wet areas (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

When used with TexRite dry-set mortars, it will meet the requirements for a latex-Portland cement mortar as found in ANSI A118.4 and ANSI A108.5.

### PACKAGING

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

### INSTALLATION

#### Preparatory Work

All surfaces on which underlayments or dry-set mortars are to be applied must be dry, structurally sound and free from movement. For ceramic tile, detailed installation procedures are in T.C.N.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, incompatible based underlayment (i.e. epoxy, urethane or unidentifiable) and other foreign matter.

#### Mixing and Installation

Due to the nature of this product, it will always be used in conjunction with one of TexRite's products upon which detailed mixing instructions will be found. Request specific data sheet on the TexRite product to be used with **La-O-Tex** Admixture for details on proper installation instructions. Do not use when ambient temperature is 40° F or below. **Do not use with multipurpose dry-sets, Rapid Bond or Ac-cent GROUT.**

**FOR UNDERLAYMENTS:** In place of water, mix to the proper consistency 10-12 lbs. of underlayment powder with approximately 1 quart of TexRite **La-O-Tex** Admixture.

**FOR DRY -SET MORTAR:** Mix the TexRite dry-set mortars using **La-O-Tex** Liquid in place of all water. Approximately 1.5 gallons of liquid are required for each 50-lb. bag of dry-set mortar. The proper consistency is such that, when applied with the recommended-notched trowel, the ridges formed in the mortar will not flow or slump.

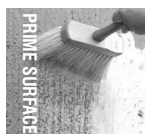
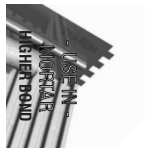
**FOR GROUTS:** Dilute each gallon of **La-O-Tex** Admixture with 1 quart of water prior to mixing it with AR or Dry Grout. Approximately 1 1/8 gal. of diluted **La-O-Tex** Admixture is required per 50 lbs. of grout. (Grouts mixed with **La-O-Tex** Admixture eliminate the necessity of damp curing).

#### 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 latex modified mortar becomes extremely difficult to remove when dry.



## TEXAS CEMENT PRODUCTS, INC.

4000 Pinemont  
Houston, Texas 77018 USA

Phone: 713-682-8411  
Toll Free: 800-669-0115  
Fax: 713-688-2448  
texrite.com & texascement.com

***Curing and Grouting***

A minimum cure is obtained in 12 to 24 hours depending on ambient temperatures. Normal grouting should be done 48 hours later.

**SPECIFICATIONS**

**Technical Data: La-O-Tex Liquid Admixture**

Test	Test Method.	Dry-Sets		Grouts		
		With Water	With La-O-Tex Admixture	With Water	With La-O-Tex Admixture	
A. Bond Strength Vitreous tile	7 Day	ANSI 118.4	>200 psi	>500 psi	>300 psi	>500 psi
	28 Day		>400 psi	>650 psi	>400 psi	>600 psi
B. Compressive Strength	7 Day	ASTM C-109 (air dry)	>2100 psi	>2400 psi	>2600 psi	>3500 psi
	28 Day		>2600 psi	>3500 psi	>3500 psi	>4100 psi
C. Water Absorption		ANSI 118.4 ANSI 118.6	<8.0%	<4.0%	<8.0%	<4.0%

D. **SAFETY-CAUTION:** 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.

**KEEP OUT OF REACH OF CHILDREN.**

E. Storage Life- One year, if kept in sealed, unopened containers. Protect from freezing