



PRODUCT INFORMATION

latex bond admix 150

Liquid latex additive for underlayments and dry-set mortars

LATEX BOND ADMIX 150 is a blend of latex (SBR - styrene butadiene rubber) 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.

TEXTURE:

Free-flowing liquid.

COLORS:

White

PACKAGING:

4/1 Gallon Bottles, 5 gallon pails, 55 gallon drum.

BASIC USE

> **LATEX BOND ADMIX 150** may be used with all underlayments, dry-sets and grouts that will be used in installations that will be subjected to freezing conditions, heavy traffic and chemical abuse.

> Use to prime the prior bond surface to accept new mortar application.

AREA OF USE

It is suitable for both exterior and interior use. **LATEX BOND ADMIX 150** is used as a direct replacement for water in Texrite patching and leveling products.

BENEFITS

> 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.

LIMITATIONS

LATEX BOND ADMIX 150 must not be diluted with water when used with dry-sets, underlayments or sand/cement mortar beds. Do not use directly over asphalt, sheeting, vinyl covered wallboard, masonite, lauan plywood, cement asbestos board, metal, glass, plastic, gypsum mortars, curing compounds or chemically treated surfaces. Improperly cured or wet plywood, tongue and groove plywood, particle board, OSB or strip wood surfaces are not considered suitable substrates. Use in temperature range of 40° - 90 °F (4° - 32 °C). Do not allow product to freeze for the first 72 hours. The product does not form a waterproof barrier. It's not affected by prolonged water contact yet water and moisture will pass through it. When used in showers, swimming pools, spas, etc. subjected to continuous exposure, allow a minimum of 14 days of air curing.

APPLICABLE STANDARDS

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

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 TCNA 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, non-compatible based underlayment (i.e. epoxy, urethane or unidentifiable) and other foreign matter. Apply in temperature range of 40° to 90 °F (4° to 32 °C) during application and initial 72 hours of cure. For underlayment or patching, prime cleaned surface with undiluted **LATEX BOND ADMIX 150**. Apply an even wet coat of liquid using brush or broom. On extremely porous concrete, two applications may be required. Remove any resulting dust. Evenly paint brush, paint roller or broom wet primer to surface. Prime coat coverage will be approximate 150-200 ft²/gal. (3.6 - 5 m²/L). On porous concrete or rough texture surfaces, two primer coats may be required. Allow **LATEX BOND ADMIX 150** to dry clear with no wet spots or become tacky before applying the underlayment. Reapply more primer if first application is allowed to dry past 12 hours. Do not use excessive coats of primer. Primer must penetrate concrete surfaces and should be allowed to form thin-dried film on the substrate.

MIXING

This liquid will always be used in conjunction with one of Texrite's products upon which detailed mixing instructions and installation procedures will be found. **DO NOT USE WITH MULTI-PURPOSE DRY SET, CERAMABOND FS OR AC-CENT GROUT.**
FOR UNDERLAYMENTS: In place of water to the proper consistency, mix 10-12 lbs. of underlayment powder with approximately 1 quart of Texrite's **LATEX BOND ADMIX 150** liquid.
FOR DRY-SET MORTAR: Mix the Texrite dry-set mortars using **LATEX BOND ADMIX 150** liquid in place of all water. Approximately 1.5 gallons of liquid is required for each 50 lb bag of dry-set mortar. The proper consistency is such that when applied with the recommended notched trowel to the backing, the ridges formed in the mortar will not flow or slump.



WEATHER RESISTANT



EXTERIOR WALLS / FLOORS

FOR GROUTS: Dilute each gallon of **LATEX BOND ADMIX 150** liquid with 1 quart of water prior to mixing it with AR or Dry Grout. (Grouts mixed with AC-CENT GROUT liquid eliminate the necessity of damp curing). Approximately 1 1/8 gal. of diluted **LATEX BOND ADMIX 150** liquid is required per 50 lb of grout. Request specific data sheets on the Texrite product to be used with **LATEX BOND ADMIX 150** liquid for details on proper installation instructions. Do not use when ambient temperature is 40 °F or below. 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 60 °F for at a minimum of 24 hours. Care should be taken to prevent grout from being placed in expansion joints. Grout all areas of the installation with the same procedures. NOTE: Do not use **LATEX BOND ADMIX 150** with Ceramaflex, Ceramabond series "Plus, MB, FS, MB FS", Totalcontact, Multi-purpose Dry Set mortar or Ac-cent Grouts.

COVERAGE

Refer to directions on Texrite's dry-set mortars, grout bags and product information sheets.

EXPANSION JOINTS

Expansion joints, control joints and cold joints shall never be bridged with setting material or tile. Expansion/movement joints shall be installed in accordance with local building codes. See EJ171 in TCNA Handbook for detailed specifications.

CLEANING

Water will remove uncured mortar and liquid. Remove excess grout from surface of tile as soon as possible after grouting as latex modified mortar becomes extremely difficult to remove when dry.

CURING

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.

STORAGE LIFE

One year if kept in sealed, unopened containers. Protect from freezing.

SAFETY - CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Contains portland cement. If any cement or cement mixtures get into eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: The recommendations, suggestions, statements and technical data in this bulletin are based on our best knowledge. They are given for informational purposes only and without any responsibility for their use. The responsibility for the seller and manufacturer is only to replace that portion of the product of this manufacturer, which proves to be defective due to the quality of the ingredients or the manufacturing process itself. However, since handling and use is beyond our control, we do not guarantee the results to be obtained. Only written statements signed by an officer of the manufacturer are binding on the manufacturer or seller. Nothing in this bulletin should be interpreted as a recommendation for a use, which violates any patent rights.

TEST	DRY SETS				GROUTS	
	TEST METHOD	With water	With latex admixture	With water	With latex admixture	
Bond strength	7 day	ANSI 118.4	> 200 psi	> 500 psi	> 300 psi	> 500 psi
Vitreous tile	28 day		> 400 psi	> 650 psi	> 400 psi	> 600 psi
Compressive strength	7 day	ASTM C-109	> 2100 psi	> 2400 psi	> 2600 psi	> 3500 psi
	28 day	(air dry)	> 2600 psi	> 3500 psi	> 3500 psi	> 4100 psi
Water absorption		ANSI 118.4	< 8.0%	< 4.0%	< 8.0%	< 4.0%
		ANSI 118.6				

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