



# CUREFAST

Latex Liquid Additive for Accelerating Dry-Set Mortar and Grout

## Product Information

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**CureFast** is a modified latex admixture that greatly accelerates the set time of Dry-Set mortars and grouts when used as a bond coat and grout for non-absorptive, semi-vitreous, and vitreous ceramic tile.

### BASIC USE

**CureFast** has been designed as a liquid additive that is used in lieu of water with TexRite Floor Mix and Wall Mix for high speed and high production jobs that require the contractor to

provide a finished installation for normal service in the shortest possible time. These conditions most commonly exist during repair jobs in kitchens and fast food chains, small jobs in remote areas and large jobs that require maximum production in short periods of time. Total installation should easily be done in a matter of 4 to 8 hours. **CureFast**, in conjunction with a dry-set mortar, will provide a higher bond strength than regular dry-set mixed with water. This allows for a permanent installation on both interior and exterior surfaces.

### AREA OF USE

Suitable backings, when properly prepared, include plumb and true masonry concrete, gypsum board (dry areas only), glass mesh mortar units, cured Portland cement mortar beds, brick, ceramic tile, and marble.

### LIMITATIONS

**CureFast**, when mixed with dry-set mortars should not be used directly over wood, asphalt substrates, vinyl covered wall board, Masonite®, cement asbestos board, metal, or plastic. Use in temperature range above 40° F (Do not allow mortar to freeze for the first 72 hours). **Cure-Fast** should not be added to MultiPurpose Dry Set Mortar or M-P Grout. If **CureFast** is added to any dry-sets or grouts other than Tex-Rite, a test area should be conducted to determine compatibility. 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

Tex-Rite's dry-set mortars gauged with **CureFast** in lieu of water will meet the requirements for Fast Setting Dry-Set Mortars in ANSI A 118.1 and Fast Setting Latex-Portland Cement Mortars in ANSI A 118.4

### PACKAGING

COLOR: Milky White liquid.  
TEXTURE: Low viscosity liquid.  
PACKAGING: 4/1 gallon bottles, 5 gallon pails.

### 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

Use **CureFast** as a direct replacement for water. Add dry-set mortars to the liquid and mix to a smooth mortar (approximate ratio of 50 pounds powder to 1 1/2 gallons of **CureFast**). Do not use a high speed drill to mix mortar. Mix only enough mortar that can be used within 15 minutes. Do not re-temper mortar. Detailed installation procedures may be found under the corresponding dry-set mortar bulletins.

#### 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 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 procedure.



CUREFAST



UPGRADE - CUREFAST TO STOP Efflorescence

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**Mixing with Grout**

**CureFast** must be diluted one to one with clean water then used as a direct replacement for water with TexRite grouts. Mix only the amount of grout that can be used within 15 minutes. Do not use a high speed drill for mixing, and do not re-temper mortar. Apply grout in normal fashion as directed on each bag of TexRite grout. Tile set with **CureFast** may be grouted as soon as tiles are firm. Care must be taken so as not to disturb initial bond through use of "kneeling boards".

**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.

**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: CureFast		
Test	Floor Mix with CureFast	Floor Mix with CureFast
A. Pot Time	25 minutes	3 hours
B. Set Time	1 hour	6 hours
C. Bond Strength (ANSI A 118.1, A 118.4)		
Vitreous time		
4 hour	65 PSI (est)	20PSI (est)
8 hour	125 PSI (est)	30 PSI (est)
16 hour	250 PSI	64 PSI
24 hour	393 PSI	250 PSI
72 hour	395 PSI	343 PSI
7 day	435 PSI	379 PSI
Non-Vitreous Tile		
4 hour	74 PSI (est)	35 PSI (est)
8 hour	140 PSI (est)	70 PSI (est)
16 hour	280 PSI	140 PSI
24 hour	387 PSI	300 PSI
72 hour	587 PSI	420 PSI
7 day	693 PSI	660 PSI
D. <b>SAFETY – CAUTION:</b> Avoid inhalation of vapors, use in well ventilated area. 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. <b>KEEP OUT OF REACH OF CHILDREN.</b>		
E. Storage Life - one year, if kept in sealed container. Protect from freezing.		

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