



CureFast® 941

Accelerating Admixture

PRODUCT DESCRIPTION

CUREFAST® is a modified latex admixture that greatly accelerates the set time of dry-set mortars and grouts.

▶ BASIC USE

CUREFAST has been designed as a liquid additive that is used in lieu of water with C-Cure's dry-set mortars and grouts for high speed and high production jobs that require the contractor to provide a finished installation 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.

▶ AREAS OF USE

Suitable backings, when properly prepared, include plumb and true masonry, concrete, gypsum board (*dry interior walls only*), cementitious backer units, cured Portland cement beds, brick, ceramic tile and marble.

▶ LIMITATIONS

CUREFAST when mixed with dry-set mortars should not be used directly over wood, asphalt sheeting, vinyl covered wallboard, Masonite®, cement asbestos board, metal, plastic or gypsum mortar beds. Use in a temperatures above 40°F (4°C). (Do not allow mortar to freeze for the first 72 hours.)

If CUREFAST is added to any dry-set or grout other than C-Cure's, a test area should be conducted to determine compatibility.

▶ APPLICABLE STANDARDS

C-Cure's dry-set mortars gauged with CUREFAST in lieu of water will meet the requirements for fast setting dry-set mortars in ANSI A118.1 and fast setting latex-Portland cement Mortars in ANSI A118.4.

Color — Milky white.

Texture — Low viscosity liquid.

▶ PACKAGING

4/1 gal. (3.8 L) bottles, 5 gal. (18.9 L) pails.

INSTALLATION

▶ DRY-SET MORTAR

Use CUREFAST as a direct replacement for water. Add the dry-set to the liquid and mix to a smooth mortar, approximate ratio of 50 lbs. (22.7 kg) powder to 1½ gals. (5.68 L) of CUREFAST. Mechanical mixers must be 150 RPM or lower to avoid entraining air which will substantially weaken the 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.

▶ GROUT MORTAR

CUREFAST must be diluted one to one with clean water then used as a direct replacement for water with C-Cure grouts. Mix only the amount of grout that can be used within 15 minutes. Mechanical mixers must be 300 RPM or lower to avoid entraining air

which will substantially weaken the mortar. Do not retemper mortar. Apply grout in normal fashion as directed on each bag of C-Cure grout. Tile set with CUREFAST may be grouted as soon as the tiles are firm. Do not to disturb initial bond through use of "kneeling boards."

CUREFAST 941 TECHNICAL DATA

TEST	DRY-SET WITH CUREFAST	DRY-SET WITH WATER
A. Pot Life	25 Minutes	3 Hours
B. Set Time	1 Hour	3 Hours
C. Bond Strength ANSI A118.1		
Vitreous Tile		
14 Hours (est)	165 psi (5 kg/cm ²)	20 psi (1 kg/cm ²)
18 Hours (est)	125 psi (9 kg/cm ²)	30 psi (2 kg/cm ²)
16 Hours	250 psi (18 kg/cm ²)	64 psi (5 kg/cm ²)
24 Hours	393 psi (28 kg/cm ²)	150 psi (11 kg/cm ²)
72 Hours	395 psi (28 kg/cm ²)	200 psi (14 kg/cm ²)
77 Days	435 psi (31 kg/cm ²)	250 psi (18 kg/cm ²)
Non-Vitreous Tile		
14 Hours (est)	174 psi (5 kg/cm ²)	135 psi (2 kg/cm ²)
18 Hours (est)	140 psi (10 kg/cm ²)	170 psi (5 kg/cm ²)
16 Hours	280 psi (20 kg/cm ²)	100 psi (7 kg/cm ²)
24 Hours	387 psi (27 kg/cm ²)	150 psi (11 kg/cm ²)
72 Hours	587 psi (41 kg/cm ²)	180 psi (13 kg/cm ²)
17 Days	693 psi (49 kg/cm ²)	300 psi (21 kg/cm ²)
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 dry in sealed containers stored in a dry area and protected from freezing.		

GUARANTEE

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