



COLORCURE GROUT ADMIXTURE

Enhanced Latex Liquid Additive for All Portland Cement Grouts

Product Information

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ColorCure is a blend of latex emulsions and special chemical modifiers that have been specifically formulated to greatly improve the physical working and performance characteristics of Portland cement based grouts. Used in lieu of water when mixing, This liquid will significantly improve bond strength flexibility and resistance to frost, weather and thermal shock. **ColorCure** is not only a latex admixture. It also chemically insures

more complete hydration (curing) of Portland cement based grouts which inhibits the development many of the grouting problems commonly encountered such as initial discoloration, color fading, powdering, cracking and efflorescence.

BASIC USE

ColorCure is used in lieu of water when mixing Portland cement based grouts. For best results, use TexRite's AR, MP, or Drywall grouts. The liquid may be used when grouting any type of tile interior or exterior on residential or commercial installations. **ColorCure** is easier to clean than conventional latex admixtures.

AREA OF USE

The **ColorCure Grout Admixture** can be used in all grout mortars. It specifically formulated for easier clean-up when the grout is applied across the face of the tile. It has an accelerated initial cure to minimize set time and helps reduced the possibilities of uneven grout color. Use with grout for installations where jobsite conditions (ambient temperature and time) are less than ideal situations. When added to these grout mortar products, it must be used as a direct replacement for water.

LIMITATIONS

ColorCure must not be diluted with water. Mechanical mixers used with this liquid must be 300 RPM or below to avoid entraining air which will weaken grouts. Use in temperature range 45-95°F. Do not allow grout to freeze for the first 72 hours. Do not use over frozen substrates and when temperatures will be below 40° 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

ColorCure when used with any of Texrite's grouts will meet the Requirements for Latex-Portland Cement Grout found in ANSI A 118.6 H-2.4 and ANSI A 108.10.

PACKAGING

COLOR: White liquid.

TEXTURE: Free-flowing liquid.

PACKAGING: 4/1 gallon bottles, 5 gallon pails, 55 gallon drum.

INSTALLATION

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.

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.

Preparatory Work

Wait a minimum of 48 hours before grouting a dry-set mortar installation, 72 hours for a conventional installation and 24 hours for an adhesive installation. 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.

Mixing

To a mixing container add approximately 1/2 gallon of **ColorCure** per 25 pounds of sanded powder or approximately 1 gallon of the liquid per 25 pounds of nonsanded powder. Add the grout to the **ColorCure** and mix thoroughly by hand or with a low RPM power mixer insuring a uniform paste mix with no color streaks. Allow the grout to slake for 10 minutes, then remix. Do not retemper with liquid or powder after this point. Once the grout has become too stiff to work, it must be discarded and a new batch mixed.



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USE IN ALL PORTLAND CEMENT GROUTS

UPGRADE - ColorCure to stop Efflorescence

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Application

Due to the nature of this product, it will always be used in conjunction with a TexRite grouting material, which will have detailed installation procedures on the container. Apply grout mixed with **ColorCure** in the normal fashion as directed on each bag of TexRite grout. Normal cleaning with minimal water is all that is necessary.

Care should be taken to prevent grout from being placed in expansion joints.

Grout all areas of the installation with the same procedure

Coverage

Refer to directions on grout bags and product information sheets.

Cleaning

Water is all that is needed to remove uncured admixture and uncured mortar.

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: ColorCure Grout Admixture

Test	Typical Values
A. Initial Set (hours) ASTM C-266	<2
B. Final Set (hours) ASTM C-266	<8
C. Hardness (Shore D)	>90
D. Water Absorption ANSI A118.7	<4.0%
E. 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.	
F. Storage Life - one year, if kept in unopened, sealed container. Protect from freezing.	

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