



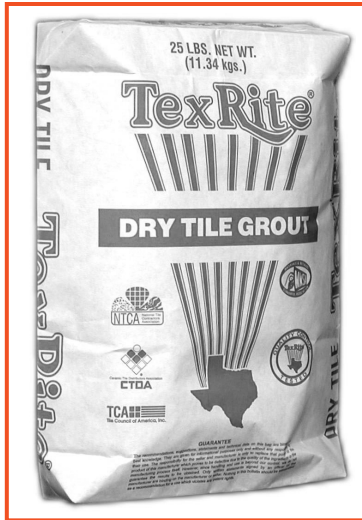
DRY TILE GROUT

For Narrow Joint Widths
1/16" - 1/8"



Product Information

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Dry Tile Grout is an advanced non-sanded Portland cement based grout for grouting interior and exterior installations of non-vitreous tiles and marble where joint widths will not be in excess of 1/8". **Dry Tile Grout** contains a fine mineral filler (no sand) to prevent damage during installation of high polished marble tile or soft glazed tiles. Special additives provide water retentivity for controlled curing, exceptional working qualities and

permanent joint life. Because **Dry Tile Grout** is protected by **AMT™**, it resists bacteria, mold and mildew, fungus and associated stains.

AREA OF USE

Dry Tile Grout is mixed with water and used for both residential and commercial installations with tile that was not soaked when installed. Special water retaining chemicals are used so that the grout does not lose excessive moisture to the tile. This permits proper hardening of the grout joint. As an alternative to water, TexRite A-Crylic Grout Admixture can be used to intensify its bond and flexural strengths for installations subjected to thermal shock.

LIMITATIONS

Because of its Portland cement base, **Dry Tile Grout** should not be used in areas where high acid resistance is required. In areas of intermittent mild acid exposure, it out-performs conventional cement grout. **Dry Tile Grout** is not effected by prolonged water contact but it does not form a waterproof barrier.

APPLICABLE STANDARDS

Dry Tile Grout may be used in installations that must conform to ANSI A108.1, A108.4, A108.5, A108.10. Dry Tile Grout conforms to ANSI A118.6-H2.3

Color - White

Texture - Powder, Portland cement base, non-shrinking, odorless and non-flammable.

Packaging - 25 lbs. Multi-wall bags and 10 lbs. boxes.

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 or cement migration which will discolor white grout. With thin-bed mortar, a period of 48 hours is sufficient. Adhesives cure by evaporation of solvents or excess moisture, which will destroy cement mortar; thus, a minimum of 48 hours should be allowed before grouting.

Sealing of the Tile or Stone Prior to Grouting

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 cement grouts. If in doubt, make a test sample using the tile and grout in question. Care should be exercised when applying a sealer so that the surface and not the tile edges are covered.

Mixing

Mix to lump-free, paste consistency with clean potable water, A-Crylic Grout Admix. or ColorCure Admix to desired paste consistency. A-Crylic Grout Admix should always be used on exterior installations. If possible, use the same person to mix the grout the same way each time.

Application

Open grout joints should be clean and free of all construction debris. Remove any setting material in excess of 1/3 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 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

1. Dampen the surface of the tile with a wet terry cloth towel. Do not leave standing water in grout joints or on surface of tile.
 2. Apply grout with a stiff rubber float. Use force to achieve a full compacted joint by working diagonally across the joints.
 3. After filling joints, remove as much excess grout as possible from surface of the tile by holding the float at a 90° angle going diagonally across the face of the tile.
 4. Most importantly, allow the grout to firm in the joint before any further cleaning is done. The grout is firm when it can only slightly be indented when pressed hard with your finger.
 5. Clean the remaining grout from the surface using a damp terry cloth towel or sponge. Use towel or sponge placed in clean water and then wring out all excess water. Pull the flat dampened towel or sponge across the tile. Continue this procedure by repeatedly washing and wringing out the towel in clean, cool water. Change wash water in bucket often.
- CLEANING OFF THE GROUT RESIDUE:** Use the driest possible technique for clean-up. Excess water will weaken the joint, and cause variation in the color and may cause shrinkage cracks and pinholes. Clean off the grout with cheesecloth and

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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

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polish the installation dry. Acid wash is not recommended for clean up. (This includes vinegar).

- Cleaning is complete when only a light haze remains and the joint surface is smooth and even.
- The following day, clean off the haze and any excess grout by using a dampened Scotch Brite® pad with clean water and scour the surface of tile. Final cleaning can be done using a damp towel or cheesecloth.

Working Time

Approximately 1 hour depending on ambient temperature. Less working time when used with A-Crylic Grout Admixture or ColorCure Admixture in lieu of water.

Temperature Range for Installation

Do not grout below 60°F or above 90°F ambient temperature. Do not allow mortar to freeze for the first 72 hours.

Curing

Damp curing is required. Control temperature when possible, minimize temperature variation (within 10 degrees) to avoid shading.

Coverage

When grouting a wall area consisting of standard wall tile (4-1/4" x 4-1/4" x 5/16") and a 1/16" joint - coverage will be approximately 8-10 square feet per pound of grout.

Maintenance Cleaning

After 72 hours the grout surface can be maintained and should be cleaned with a neutral pH type cleaner. It is important that all future routine maintenance programs do not contain any acids in the cleaning chemicals. On occasion for extreme conditions, clean with C-Clean following manufactures recommendations. Mold and mildew can attach to organic materials in dirt, food residues and soap scum for example. **Dry Tile Grout** itself is protected from growth by **AMT**, but the organic material on the surface can provide a food source. Therefore, cleaning periodically with a solution of TSP or a cleaner specific to these conditions will provide sufficient removal of these contaminants.

Sealing and Staining

Sealers are used to prevent staining of grout joints. **AMT**'s most efficient mold resistance depends on direct contact with the grout, however use of a vapor breathable sealer is acceptable. Consult with sealer manufacturer's information. A period of at least 14 days and complete satisfaction of grout conditions should be allowed before the grout is sealed.

Efflorescence is inherent in all cement based products and is not considered a manufacturing defect.

***AMT - Anti-Microbial Technology™**

Technical Data: Dry Tile Grout

Test	Typical Values
Initial Set (hours) ASTM C-266	2
Final Set (hours) ASTM C-266	8
Bucket Life (hours)	6
Compressive Strength (psi) ASTM C-109	
- 7 day	> 2400
- 28 day	> 3500
Water Absorption (%)	< 12
Hardness (Shore D)	> 65

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. Recommend use of a 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.

Storage Life - One year if kept in dry unopened bags or boxes.

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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. DSDTGRR081709