

FLOOR GROUT

Sanded Floor Grout

TILE GROUTING SANDED

MANUFACTURER:

Empire Blended Products, Inc.
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PRODUCT DESCRIPTION:

FLOOR GROUT is a sanded grout, composed of modified Portland Cement and finely graded aggregates. It is designed for use as a grouting material for any tiled surface with joints between $\frac{1}{8}$ " and $\frac{1}{2}$ ". *FLOOR GROUT* is ideally suited for all glazed and unglazed ceramic and mosaic tile, quarry tile, brick pavers, slate, stone, marble and granite.

USES:

- ▶ Interior or exterior
- ▶ Commercial or residential baths, kitchens, laundries, walkways, etc.
- ▶ When a high density wear resistant joint is required
- ▶ Glazed and unglazed ceramic and mosaic tiles
- ▶ Ideal for quarry tile, brick pavers, slate, stone, and marble

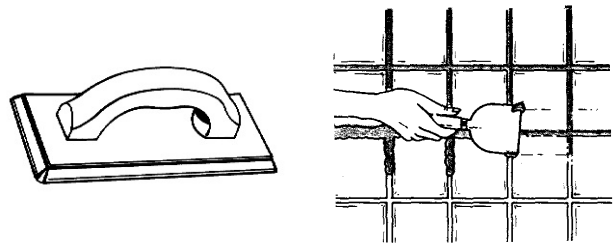
ADVANTAGES:

- ▶ Resistant to alkali and abrasives
- ▶ Provides hard, wear resistant, durable joints
- ▶ Water resistant
- ▶ Non-staining, non-shrinking
- ▶ Extended pot life
- ▶ Frost proof

INSTALLATION:

Surface Preparation:

All surfaces must be clean and free of dust, dirt, oils, paints and all other contaminants that will prevent proper bond. Make certain no loose material remains in joint. For repair work, remove at least $\frac{1}{16}$ " of old grout and scrub surface thoroughly with kitchen cleanser. ANSI



specifications recommend waiting 48 hours after initial tile setting before grouting to ensure maximum adhesion of tile to substrate. Remove tile spacers between tiles if they have been used. Dampen surface of tile making certain not to leave any standing water in the grout joints.

Mixing:

Mix *FLOOR GROUT* with clean water to the consistency of a smooth, trowelable putty, free from lumps. Allow the grout to stand for 15 minutes before using, then remix. Do not add additional water. Mix only the amount of grout that can be used in 1 hour. When grouting highly moisture absorbent tiles (above 7% level), EMPIRE BLENDED EM-CRYL 600 should be used in place of water as per instructions on the EM-CRYL 600 label.

Placement:

Using a hard rubber float, fill the joints of the tile working diagonally across the grout joints until they are packed full and are flush with the surface of the tile. As work progresses, turn the grout float perpendicular to the tile and use as a squeegee to remove as much excess grout from the tile surface as possible. Allow the grout time to acquire its initial set before proceeding. Initial set has occurred when the grout joint can barely be indented when pressed hard with your fingernail. Using a towel or cheese cloth dampened with water, clean excess grout off the surface of the tile by rubbing in a circular motion dressing the joint as work progresses. Use as little water as possible. Change water often to keep as clean as possible. Do not leave any water or grout residue on the surface of the grout joint. Remove any grout haze

remaining after drying with a clean dry towel or cheese cloth.

Curing:

To provide a hard, dense grout joint, damp curing is recommended for the first 3 days after application. Damp cure by covering the installation with natural kraft paper. After the grout has cured for 10 days, the installation may be cleaned to remove any remaining grout from the surface of the tile by scrubbing with hot water and soap. Acid cleaning is not recommended. After a minimum of 28 days curing, the installation may be sealed with a penetrating sealer.

Coverage:

Average number of square feet covered per pound of grout:

<u>Tile Size</u>	<u>1/8" Joint</u>	<u>1/4" Joint</u>
1" x 1" x 1/4"	2	-
2" x 2" x 1/4"	4	2
3" x 6" x 3/8"	3	1 1/2
4" x 4" x 3/8"	4	2
4" x 8" x 3/8"	5	2 1/2
6" x 6" x 3/8"	6	3
8" x 8" x 3/8"	9	4 1/2
10" x 10" x 3/8"	12	6
12" x 12" x 3/8"	14	7

Packaging:

Available in 5 pound boxes with sealed plastic bags (6 per carton) and 25 pound multiwall paper bags with moisture barrier.

Colors:

Available only in white and gray. However, numerous colors can be achieved by mixing with RAINBOW CEMENT COLORS.

TECHNICAL DATA:

ShearBond Strength (ANSI A118.1)

Vitreous Tile

7 day... > 300 psi

Compressive Strength (ASTM C-109)

3 days... > 3,600 psi

7 days... > 4,300 psi

28 days... > 4,800 psi

Hardness (Shore D)... > 80

Water Absorption... < 6%

EMPIRE BLENDED *FLOOR GROUT* meets or exceeds the requirements of ANSI A118.6, ANSI A118.6 H-2.1, ANSI A108.1, ANSI A108.4, ANSI A108.5 and ANSI A108.10.

LIMITATIONS:

Do not apply when temperature is below 40°F or will fall below 40°F within 24 hours.

CAUTION:

Contains Portland Cement CAS #65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, **do not** induce vomiting and get prompt medical attention. Also contains Sand CAS #14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust.

Keep Out Of Reach Of Children.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.