

# 6000 GROUT OPTIMIZER ADDITIVE FOR ENHANCED PERFORMANCE



## DESCRIPTION

Flextile 6000 is a premium acrylic polymer latex-based grout additive for mixing with Flextile cementitious grouts to boost performance, and increase water and stain resistance.

## BASIC USES

- As an additive for grouting all types of ceramic tile, quarry tile, pavers, granite, slate, mosaics or brick.
- For residential and commercial, floor and wall surfaces, interior and exterior, in dry or wet applications.
- For swimming pool, spas, water fountain applications.

## FEATURES

- Improved stain resistance.
- No sealing required after curing.
- Enhanced grout colours and uniformity.
- Use in place of water, which increases product strength.
- With *Flexsil*<sup>TM</sup> for enhanced water and stain resistance.
- With *Flexfresh*<sup>TM</sup> Revolutionary technology that helps to inhibit the growth of mildew, fungus and other bacteria causing odours and stains in construction materials.

## LIMITATIONS

- Use only on surfaces which are maintained at a temperature above 10°C (50°F) and below 35°C (95°F) during application and for at least 72 hours after application.
- Do not use with ready to use grouts, epoxy grouts or urethane grouts.
- Do not use where chemical resistance is required.
- Some ceramic tile may be stained by colored grouts. Do a test patch, or check with tile manufacturer to see if pre-sealing of tile is required.

## LEED Points Contribution

MR Credit 5, Regional Materials\*

IEQ Credit 4.1, Low-Emitting

Materials – Adhesives & Sealants

\*May be eligible

## LEED Points

Up to 2 points

1 point

## TECHNICAL DATA at 23°C (73°F) and 50% humidity

Exceeds ANSI A118.7 specification requirements

### Typical Physical Properties

#### Description

Colour	Milky White
Consistency	Liquid
Odour	Acrylic Latex
VOCs	0 g/L
Shelf Life:	2 years from production date when stored in dry, heated conditions

## INSTALLATION

### PREPARATORY WORK

Ceramic tile surfaces must be clean and setting materials must be adequately cured prior to grouting. Remove spacers and rake out high ridges of setting material from tile joints prior to grouting to ensure uniform grout thickness. Tile joints must be clean and free of dirt, dust or other foreign matter prior to grouting. Do a test patch to see if pre-sealing of tile is required to avoid staining of the tile.

### APPLICATION

Add Flextile 600 Premium Polymer-Modified Sanded Grout or Flextile 500 Premium Polymer-Modified Unsanded Grout to Flextile 6000 and mix by hand, or preferably with a slow speed mixer (maximum 150-RPM). Let mixed material sit for 5-10 minutes, then re-mix without adding further Flextile 6000.

Mix with the following proportions:

Flextile 6000	Flextile 600 Premium Polymer-Modified Sanded Grout
1.9 L (2 U.S. qts).	11.3 kg (25 lbs).
3.8L (1 U.S. gal).	22.7 kg (50 lbs).
Flextile 6000	Flextile 500 Premium Polymer-Modified Unsanded Grout
3.8L (1 U.S. gal).	11.3 kg (25 lbs).

Do not use excess Flextile 6000 for mixing, as this will negatively affect the final cure and appearance of the grout. Dampen surface of tile slightly with clean water before grouting to make spreading of grout easier. Spread grout with a hard rubber float, working diagonally to joints and using wrist action to fully pack the joints. Holding the float at 90° to the tile surface, use diagonal passes to remove excess grout from the surface. Finished grout joint should be flush with the edge of the square-edged tile, or tooled to the glazed edge of cushion-edged tile. Allow grout to sit until firm in the joints, approximately 20 to 30 minutes.

Use 2 buckets of clean water for cleaning, one for the initial cleaning, removing the excess grout, and the other for slight moistening of the grout sponge in final cleanup. Avoid leaving any excess water on the surface of grout joints during clean-up.

DO NOT use excess additive or water for mixing or for cleanup as this can cause efflorescence, discoloration and soft/powdery joints. 1 to 2 hrs after application, buff the grouted surface with cheesecloth or a clean, dry cotton cloth when a haze is visible on the tile surface to remove any remaining surface water or grout residue.

For job specific installation systems, recommendations, project warranty information, or for assistance with installation specifications, please contact Flextile's technical department.

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### CURING

Cure for a minimum of 24 to 48 hours prior to exposure to traffic. On exterior applications, where freshly grouted surfaces are exposed to traffic or contamination from other trades, or where grouted surface is exposed to direct sunlight or other uneven drying conditions, cover with poly or plain, non-waxed kraft paper for 72 hours to ensure proper cure. Protect from rain or water immersion until thoroughly dry. To maintain a clean tile surface, use a neutral-pH cleaner for maintaining the floor, followed by a clean-water rinse. Do not use harsh chemicals to maintain the tile surface. Grout must be cured for at least 21 days prior to regular maintenance and cleaning.

### CAUTION

Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid extended contact with skin where possible and wash exposed skin areas promptly with water. If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water and get prompt medical attention. Keep out of reach of children.

### SAFETY

Refer to Flextile Material Safety Data Sheet for detailed health and safety information.

### AVAILABILITY AND COSTS

Flextile 6000 Grout Optimizer is available from Flextile Ltd. and its distributors in 1.9L (64 U.S. oz.) and 3.8L (1 U.S. gal).  
Cost: Data supplied upon request.

### WARRANTY

Flextile warrants that this product is of merchantable quality and is suitable for the purpose for which it is intended. Flextile's liability under this warranty shall be limited to replacement of its product found to be defective or, at its option, a refund of the purchase price.

### MAINTENANCE

No maintenance is required except where damages result from unforeseen circumstances. Repair procedures shall be directed by Flextile or its distributors.

### TECHNICAL SERVICES

Flextile maintains a well-equipped laboratory able to test its products in conjunction with the products with which they are used. Technical assistance for use of Flextile products is available upon request.

### RELATED REFERENCES

Current editions of TTMAC 09 30 00 & TCNA Ceramic Tile Installation Manuals.

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