



# Product Information

## Fortified Tile Grout (Unsanded)

### Product Description:

DURABOND® Fortified Tile Grout (unsanded) is for grouting all types of ceramic tile, ceramic mosaics, porcelain, slate, granite, cultured marble, dimension stone and structural glazed tile where joint width is up to 1/8". Use for interior and exterior, vertical and horizontal installations.

### Features and Benefits:

- High Early Strengths and Fast Setting
- Meets or Exceeds ANSI A118.6-1999 when mixed with water
- Freeze/Thaw resistant
- Low Absorption
- Easy Clean-up
- Available in 30 Colors
- Colors also available in Ceramaseal® Tub & Tile Caulk (sanded and unsanded), Grout Stain and Fortified Tile Grout (sanded)

### Directions for Use:

Read and understand data sheet completely before beginning installation. Follow applicable ANSI, NTCA, and TCA installation standards.

### Surface Preparation:

Ensure tile is firmly set and mortar completely dry before grouting. Remove all spacers, debris or adhesive from tile joints. Application of grout release agent may be necessary to prevent staining of tile.

### Mixing:

In a clean pail add 5 pounds of grout to 1 1/2 pints of clean potable water or 4 qts. per 25 lbs. of grout. Mix slowly to a smooth, paste-like consistency. Allow mixture to stand for 15 minutes, and remix prior to application to eliminate streaks and ensure uniform color. Grout can be re-mixed during its pot life for improved workability. Do not re-temper by adding more liquid.

### TYPICAL PHYSICAL PROPERTIES

|  |              |
|--|--------------|
| Pot Life                                 | 1 hour       |
| Setting Time                             |              |
| Initial Set                              | 1 to 3 hours |
| Final Set                                | 3 to 8 hours |
| Compressive Strength                     |              |
| 1 day                                    | 3200 psi     |
| 7 day                                    | 3900 psi     |
| 28 day                                   | 4800 psi     |
| <i>(ANSI 118.6 requirement 3500 psi)</i> |              |

### Application:

Lightly moisten tile with clean damp sponge before grouting. Spread grout over the face of the tile using a rubber grout float. Work grout back and forth at a 45° angle to the face of the tile to ensure complete filling of the joints. Remove excess grout by holding the rubber float at a 90° angle working diagonally across face of the tile.

### Initial Cleaning:

Depending on humidity and temperature, begin initial cleaning after grout becomes firm, usually 30 to 40 minutes. Using a slightly dampened sponge, clean tile by working in a diagonal motion to the grout joints. Rinse sponge frequently using two pails of water, one for rinsing out the heavy residue and the other for rinsing the sponge with clean water. Avoid cleaning with excessive water as it will cause shade variations or efflorescence.

### Final Clean-Up:

Depending on humidity and temperature, begin final clean up approximately 1 hour after initial cleaning. Using a damp nylon scrub pad (i.e.: 3MDoodlebug®), wipe diagonally across the face of the tile. Change water and rinse pad frequently to minimize the build up of grout haze. Never use acid cleaners as they may result in irreversible damage to the grout or tile.

### **Clean-Up:**

Clean all tools and equipment with soap and water. Do not allow material to dry on surface of tile.

### **Curing:**

Keep all heavy foot traffic off the installation until grout is firmly set (approximately 8-12 hours). Damp cure for 3 days by wiping joints with a clean, damp sponge several times per day, or by covering joints with non-staining craft paper. Improper curing may result in light color and weak joints.

### **Limitations:**

- Do not use in applications where high chemical or stain resistance is required.
- Do not apply in temperatures below 50°F or above 100°F.
- Do not apply when ambient temperatures are not maintained above 50°F for 72 hours, or exterior if rain is expected within 24 hours.
- Do not install over control or expansion joints.
- Although it is not required, the use of DURABOND D-L16 High Strength Additive always improves the performance of DURABOND Tile Grouts, especially in wood framed construction or when grouting porcelain tile.
- DURABOND Fortified Tile Grout must be mixed with DURABOND D-L16 High Strength Additive when used in exterior applications subject to freezing.

### **Packaging:**

6x5 lb. bags, 32 per pallet (960 lbs.)

25 lb. bags, 100 per pallet (2500 lbs.)

| <b>Coverage:</b><br>TILE SIZE | lbs. per 100 sq. ft. |      |
|-------------------------------|----------------------|------|
|                               | 1/16"                | 1/8" |
| 1"x1"x1/4"                    | 32                   | 59   |
| 2"x1"x1/4"                    | 25                   | 46   |
| 2"x2"x1/4"                    | 17                   | 32   |
| 3"x3"x1/4"                    | 11                   | 22   |
| 4"x4"x1/4"                    | 9                    | 17   |
| 4-1/4"x4-1/4"x1/4"            | 8                    | 16   |
| 4"x4"x3/8"                    | 13                   | 25   |
| 4"x4"x1/2"                    | 17                   | 34   |
| 4"x8"x3/8"                    | 10                   | 19   |
| 4"x8"x1/2"                    | 13                   | 26   |
| 4"x8"x1-1/8"                  | 29                   | 58   |
| 6"x6"x3/8"                    | 9                    | 17   |
| 6"x6"x1/2"                    | 12                   | 23   |
| 6"x6"x3/4"                    | 17                   | 34   |
| 8"x8"x3/8"                    | 7                    | 13   |
| 8"x8"x1/2"                    | 9                    | 17   |
| 10"x10"x3/8"                  | 5                    | 10   |
| 12"x12"x3/4"                  | 4                    | 9    |
| 12"x12"x1/2"                  | 6                    | 12   |
| 16"x16"x1/2"                  | 2                    | 4    |
| 18"x18"x3/8"                  | 3                    | 6    |
| 18"x18"x1/2"                  | 2                    | 4    |
| 24"x24"x1/2"                  | 1                    | 3    |

### **PLANT LOCATIONS**

TEMECULA, CA 92590

CONYERS, GA 30207

TWINSBURG, OH 44087

PAULSBORO, NJ 08066

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