

# Product Information



**DURABOND®**

## Fortified Tile Grout (sanded)

### **Product Description:**

DURABOND® Fortified Tile Grout (sanded) is a proven blend of carefully graded quartz aggregates, Portland cement, color-fast pigments, redispersible polymers and other special proprietary ingredients. It provides superior hardness, consistent uniform color, strength and durability with a wide variety of tiles. Additionally, DURABOND Fortified Tile Grout (sanded) meets ANSI A118.6 when mixed with water.

### **Product Uses:**

DURABOND Fortified Tile Grout (sanded) is used for grouting all types of ceramic tile, ceramic mosaics, porcelain, quarry tile, brick pavers, slate, granite, cultured marble, dimensional stone and structural glazed tile. Use where joint size is 1/8" to 1/2." DURABOND Fortified Tile Grout (sanded) may be used for interior and exterior; floor, wall and ceiling 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 40 Colors
- Colors also available in Tub & Tile Caulk, Fortified Tile Grout (unsanded) and Grout Stain

### **Directions For Use:**

Read and understand data sheet completely before beginning installation. Follow applicable ANSI, NTCA, and TCNA 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 may be necessary to prevent staining of tile. Always test a small area to ensure compatibility between grout and tile.

### **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
	(ANSI 118.6 requirement 3500 psi)

### **Mixing:**

In a clean pail add 25 lbs. of grout to 1/2 gallon of water. 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.

### **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 the 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 out 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 ½-2 hours after initial cleaning. Using a damp nylon scrub pad (i.e.: 3M Doodlebug®) 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). When mixed with water, 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 for grouting polished marble; use unsanded Fortified Tile Grout.
- Do not apply in temperatures below 50°F or above 100°F.
- Do not install over control or expansion joints.
- Do not damp cure when D-L16 High Strength Additive is used.
- Do not apply when ambient temperatures are not maintained above 50°F for 72 hours, or exterior if rain is expected within 24 hours.
- Color development may vary depending on type of tile, temperature and humidity, and clean-up procedure.
- Grout must be mixed with D-L16 instead of water in exterior applications subject to freeze thaw conditions.
- The colors White and Natural do not contain color pigments and may vary significantly between batches based on raw materials.

### **Packaging:**

4 x 9 lb. bags, 36 per pallet (1296 lbs)

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

### **Coverage**

Tile Size	lbs. per 100 ft <sup>2</sup>				
	<u>1/8"</u>	<u>3/16"</u>	<u>1/4"</u>	<u>3/8"</u>	<u>1/2"</u>
1" x 1" x 1/4"	58	84	110	---	---
2" x 1" x 1/4"	44	67	83	---	---
2" x 2" x 1/4"	30	44	58	---	---
3" x 3" x 1/4"	20	30	39	---	---
4" x 4" x 1/4"	15	23	30	44	58
4" x 4" x 1/2"	31	45	60	89	116
4" x 4" x 3/4"	45	68	89	133	173
4" x 8" x 3/8"	17	26	34	50	65
4" x 8" x 1/2"	23	34	45	66	88
4" x 8" x 3/8"	63	84	123	184	241
6" x 6" x 3/8"	15	23	30	45	59
6" x 6" x 1/2"	20	31	40	60	79
6" x 6" x 3/4"	31	46	60	91	118
8" x 8" x 1/4"	8	11	15	22	30
8" x 8" x 3/8"	11	17	23	34	45
8" x 8" x 1/2"	15	23	31	45	60
10" x 10" x 3/8"	9	14	18	27	36
12" x 12" x 1/4"	5	8	10	15	20
12" x 12" x 3/8"	8	11	15	23	31
12" x 12" x 1/2"	10	15	20	31	40
16" x 16" x 1/2"	8	11	15	23	31
18" x 18" x 1/2"	7	10	14	20	27
24" x 24" x 1/2"	5	8	10	15	20

### **PLANT LOCATIONS**

Temecula, CA 92590

Conyers, GA 30207

Paulsboro, NJ 08066

[www.bostik-us.com](http://www.bostik-us.com)

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### **LIMITED WARRANTY**

Bostik, Inc. warrants that the product conforms with Bostik's written specifications and is free from manufacturing defects. A PURCHASER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE. Purchasers may address their warranty claims to Bostik, Inc., 211 Boston St., Middleton, MA 01949, Attn: Customer Service or call Bostik at 1-800-7/BOSTIK. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

