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# MASTER COLOR™ GROUT

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MASTER COLOR™ GROUT unique formula offers color consistency, fast setting time and a smooth texture for easy spreading and cleanup contractors prefer. Unmatched for its rock-hard curing properties, it produces dense joints that are highly resistant to shrinking, cracking, powdering and wear. Polymer-modified – mix with water for any tile or stone installation. Meets ANSI A118.6 specifications.

## Uses

- For grouting vitreous, semi-vitreous or absorptive tile including ceramic, mosaic, quarry, pavers, cement, porcelain, brick, mini-brick, precast terrazzo and natural stone.
- For grout joints from 1/8" to 1/2" wide (3 – 13 mm).
- Use on floors, countertops, walls, ceilings, showers, fountains and pools.
- For interior or exterior installations.
- Rated (ASTM C627) for residential to extra-heavy commercial use.

## Limitations

Portland cement grout should not be installed when ambient temperature is below 50° F (10° C) or for exterior applications if rain is expected within 24 hours.

For industrial and commercial installations where chemical resistance is required, use STAR-EPOXY GROUT in accordance with ANSI A118.3.

Some types of glazed ceramic tile, marble and stone can be scratched, stained or damaged when grouted with pigmented or sanded grouts. Generally white grout is best suited for grouting white or light colored marble or granite. Follow tile manufacturer's recommendations. Test a small area prior to use. MASTER COLOR™ GROUT may be appropriate for tile not suitable for use with sanded grout.

Certain tile with high absorption, surface porosity or rough, textured surfaces and certain types of porcelain may require sealing prior to grouting to prevent staining. Use TileLab® SurfaceGard® Stone, Grout & Tile Sealer as a grout release to prevent grout staining when required.

Efflorescence, a crystalline deposit that sometimes appears on cement grout as a whitish powder or crust, can occur with any Portland cement-based product. If it occurs, remove with TileLab Sulfamic Acid Cleaner or Grout Haze Remover according to directions. Some natural stones are sensitive to acids. Test cleaners in an inconspicuous area before use. If the stone is sensitive, use TileLab Heavy-Duty Cleaner & Stripper.

Color variations can occur in any Portland cement product including grout due to differing tile types, tile porosity, jobsite conditions, application/cleaning techniques. Color variations can be minimized by following directions and using as little water as possible for cleanup.

Caution: Chemicals in salt-based pool filtration systems may cause a reaction with blue, green and red grouts. Contact Technical Services for recommendations.

## Surface Preparation

Tile must be firmly attached to a sound substrate and setting material must be cured a minimum of 24 - 48 hours before grouting. Remove all spacers. Grout joints should be uniform in depth and width and free of all loose debris, contaminants and excess mortar. Pre-seal tile or stone that can be subject to staining with TileLab SurfaceGard Penetrating Sealer.

## Mixing

To minimize color variation when using containers of the same color grout with different batch numbers, dry-blend the powder prior to mixing with water. Start with 2 quarts (1.89 L) of cool clean water. Mix in 25 lbs. (11.34 kg) of grout with margin trowel or low speed mixer (less than 300 rpm) to achieve a lump free, paste-like, non-pourable consistency. Do not use additives. If needed, up to one pint (473 ml) of additional water may be added to adjust consistency. Let stand 10 minutes, re-mix before use. Periodic mixing during application keeps the grout workable but do not add additional water once mixed as this weakens the material. Consistency of mixing ratio between batches helps to maintain color shade uniformity. Discard grout when too stiff to work, about 2 hours.



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## Application

Installation to conform to ANSI A108.10. Lightly dampen absorptive, highly porous tile with clean, cool water but leave no standing water in the joints. Holding a rubber grout float at a 45° angle, force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using edge of float held at a 90° angle. Cleanup can begin when grout can be only slightly indented when pushed hard with your fingernail or about 10 – 20 minutes depending on the type of tile and ambient temperature. Use as little water as possible for grout cleanup. Excess water will weaken the joint, cause variation in color, and may cause shrinkage, cracks or pinholes. Smooth and level joints and remove excess grout from tile with a damp (not wet) small pore grout sponge using a circular motion. Change water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity. Wait 2 hours before removing haze from tile surface with a soft, dry cloth.

## Curing

Periodically mist the installation with clean, cool water for 3 days.

## Cleanup

Clean tools and hands with water before material dries.

## Care and Maintenance

Keep the grout clean with TileLab® OneStep® Cleaner & Resealer. Seal grout joints with TileLab® SurfaceGard® Stone, Grout & Tile Sealer after grout has cured for 48 - 72 hours. For routine cleaning use TileLab OneStep Cleaner & Resealer.

## Safety

Contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. This product contains free silica. Do not breathe dust; wear NIOSH approved respirator.

## Technical Data

Meets or exceeds ANSI A118.6 specifications

	<b>Typical Value</b>
Applicable Standards	A118.6
Linear Shrinkage: 7 day cure	<0.08%
Water Absorption: After immersion	8%
After drying	10%
Compressive Strength	4,650 psi
Tensile Strength: 7 day cure	345 psi
28 day cure	423 psi
Flexural Strength (7 days)	>990 psi
Pot Life	1 - 2 hours
Initial Set	4 hours
Final Set	5 hours

## Warranty

Seller warrants that should this product prove to be defective material, it will replace the same or refund the purchase price of the goods. THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND OF FITNESS ARE HEREBY DISCLAIMED. The suitability of a product for an intended use shall be solely up to the user. Seller assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of the materials supplied by it. No person has the authority to change these items and there are no warranties except as herein stated.



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## Coverage

Square Foot Coverage Per 25 LB. Bag (Square Meter Per 11,3 KG).

Tile Size (in Inches)	Joint Width				
	1/8" (3 mm)	3/16" 4.5 mm)	1/4" (6 mm)	3/8" (9.5 mm)	1/2" (13 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	63 (5.9)	40 (3.7)	25 (2.3)	23 (2.1)	20 (1.9)
2" x 2" x 1/4" (50 x 50 x 6 mm)	88 (8.2)	73 (6.8)	50 (4.6)	40 (3.7)	33 (3.1)
3" x 3" x 1/4" (75 x 75 x 6 mm)	150 (13.9)	103 (9.6)	80 (7.4)	55 (5.1)	45 (4.2)
4 1/4" x 4 1/4" x 1/4" (108 x 108 x 6 mm)	210 (19.5)	143 (13.3)	110 (10.2)	75 (7.0)	60 (5.6)
6" x 6" x 1/4" (150 x 150 x 6 mm)	263 (24.4)	178 (16.5)	136 (12.6)	93 (8.6)	70 (6.5)
8" x 8" x 3/8" (200 x 200 x 9.5 mm)	230 (21.4)	155 (14.4)	113 (10.5)	75 (7.0)	50 (4.6)
12" x 12" x 3/8" (300 x 300 x 9.5 mm)	345 (32.1)	230 (21.4)	175 (16.3)	118 (11.0)	90 (8.4)
16" x 16" x 3/8" (400 x 400 x 9.5 mm)	458 (42.5)	305 (28.3)	225 (20.9)	144 (13.4)	94 (8.7)
18" x 18" x 3/8" (450 x 450 x 9.5 mm)	512 (47.5)	343 (31.9)	253 (23.5)	167 (15.5)	118 (11)
20" x 20" x 3/8" (500 x 500 x 9.5 mm)	567 (52.7)	381 (35.4)	280 (26.0)	189 (17.6)	142 (13.2)
24" x 24" x 3/8" (600 x 600 x 9.5 mm)	685 (63.6)	458 (42.6)	325 (30.2)	225 (20.9)	150 (13.9)



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## Ordering Information

Item Code	Color	Size	Package
114004	White	25 lb. (11.34 kg)	Bag
114014	Antique White	25 lb. (11.34 kg)	Bag
114024	Buff	25 lb. (11.34 kg)	Bag
114044	Irish Cream	25 lb. (11.34 kg)	Bag
114054	Honey	25 lb. (11.34 kg)	Bag
114074	Fawn	25 lb. (11.34 kg)	Bag
114084	Mocha Brown	25 lb. (11.34 kg)	Bag
114124	Platinum	25 lb. (11.34 kg)	Bag
114134	Grey	25 lb. (11.34 kg)	Bag
114144	Graphite	25 lb. (11.34 kg)	Bag
114154	Charcoal	25 lb. (11.34 kg)	Bag
114164	Terra Cotta	25 lb. (11.34 kg)	Bag
114174	Marble Beige	25 lb. (11.34 kg)	Bag
114184	Napels Red	25 lb. (11.34 kg)	Bag
114194	Birch	25 lb. (11.34 kg)	Bag
114204	Sand Dune Beige	25 lb. (11.34 kg)	Bag
114214	Hemp	25 lb. (11.34 kg)	Bag
114224	Sandstone	25 lb. (11.34 kg)	Bag
114264	Warm Grey	25 lb. (11.34 kg)	Bag
114284	South Beach	25 lb. (11.34 kg)	Bag
114304	Malt	25 lb. (11.34 kg)	Bag
114314	Caramel	25 lb. (11.34 kg)	Bag
114324	Forest Green	25 lb. (11.34 kg)	Bag
114334	Everglades	25 lb. (11.34 kg)	Bag
114344	Almond	25 lb. (11.34 kg)	Bag
114364	Beige	25 lb. (11.34 kg)	Bag
114374	Ice Blue	25 lb. (11.34 kg)	Bag
114384	Mist	25 lb. (11.34 kg)	Bag
114394	Biscayne Blue	25 lb. (11.34 kg)	Bag
114404	Jet Black	25 lb. (11.34 kg)	Bag
114414	Heather	25 lb. (11.34 kg)	Bag
114424	Cream	25 lb. (11.34 kg)	Bag
114434	Chianti	25 lb. (11.34 kg)	Bag
114464	Oyster	25 lb. (11.34 kg)	Bag
114474	Harvest	25 lb. (11.34 kg)	Bag
114484	Navy	25 lb. (11.34 kg)	Bag
114504	Stone	25 lb. (11.34 kg)	Bag

### Texture

Powder, consisting of Portland cement, silica sand, redispersable polymer additives, organic and inorganic chemicals.

