SUPER-TEK

Portland Cement Grout

High-Performance Sanded Portland Cement Grout

- **Fill Joint Widths 1/8" to 1/2"**
- **Floor and Wall Installations**
- **High Strength and Durability**
- **Quick & Easy Clean Up**
- **Exceeds ANSI A118.6 Standards**
- **Interior Use Only**

A premium, sanded, Portland cement **(unmodified)** grout for filling joints between ceramic, quarry, pavers, porcelain and other natural stone tiles where joint width is 1/8" to 1/2". Cures to a durable finish with uniform color.

Installation

All installations must be set in accordance with the most recent publication of the Tile Council of America's "Handbook For Ceramic Tile Installations" and the following guidelines.

When To Grout: Before grouting, tiles must be firmly set and all setting materials must be dry. It may take 24-72 hours depending on the type of setting material used and jobsite conditions (temperature and humidity). Excess moisture from the setting material can cause efflorescence and shaded and or discolored grout.

Check Tile Absorbency: Certain types of ceramic, marble and natural stone tiles can be scratched or stained by sanded colored grouts. It may be necessary to seal tiles before grouting. Test a couple of tile samples and follow tile manufacturers' suggestions. Absorptive tiles must be wet prior to grouting to prevent them from absorbing water from the grout and causing shaded and or discolored grout.

Control Jobsite Conditions: Jobsite conditions will directly affect the final color of grout. If grout dries at different rates, shading will occur. To help prevent shaded and or discolored grout, avoid drying variations caused by drafts, direct sunlight, heaters, air conditioners, etc.

PLEASE NOTE: Use Super-Tek's Acrylic Grout Additive in place of water for the best color reproduction, exterior applications, and areas subject to freeze-thaw conditions.

Protect installation from freezing and maintain uniform temperature and humidity for a minimum of 72 hours. When light colored grouts are used (White, Almond, etc.) the setting material should be white to ensure color uniformity in the finished job.

Mixing

Dry mix the entire contents of bag, if using multiple bags dry mix all the contents together. In a clean container add approximately 62 ounces, or slightly less than 1/2 gallon of cool, clean water per 25 lb. bag (22 ounces per 8.8 lb carton). Add the grout slowly while mixing by hand or with a slow speed mixer. Mix to a smooth, thick, paste-like consistency. Allow mixture to slake (stand) for 5-10 minutes, and then remix before applying. Mixture should be stirred occasionally during use, do not retemper. Pot life is approximately 1 hour depending on temperature and humidity. Using the exact amount of liquid and maintaining consistent mixing/slaking periods for each batch are all crucial to achieving a uniform color.

Application

All joints must be clean and free of excessive setting materials and tile spacers. The depth of the joint should be at least 2/3 the thickness of the tile. Variations in joint depth will cause grout shading. Lightly moisten the face of the tiles to be immediately grouted. Do not flood tiles or leave standing water in joints. Apply the grout with a rubber float, forcing it into joints to fill them completely. Remove excess grout using the edge of the rubber float moving diagonally across the tile and joint.

Cleaning

Begin initial cleaning after the grout becomes firm, usually 20-30 minutes depending on temperature and humidity. Wipe the face of the tile with a clean, lightly dampened sponge, rinsing and wringing it often. Use clean water for rinsing the sponge. **NOTE:** To help prevent shaded grout and efflorescence, avoid using excessive water during cleanup. Final cleaning may begin, when grout film (haze) appears on surface (approx. 1-2 hours). Polish surface with dry terry-cloth rag. Never allow the grout or the grout haze to set and dry on the face of the tile. Do not use acid or bleach to clean grout, these products can discolor the grout and damage the tile.

High performance ceramic tile, stone and marble installation products for the professional installer

STP

REV: A, 11/28/2016

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SANDED GROUTS: Square Feet Per Pound of Grout					
TILE SIZE		JOINT SIZES			
		1 / 8"	1 / 4"	3 / 8"	1 / 2"
3/8" X 3/8" X 3/8"	SQUARE FEET PER POUND OF GROUT				
1" X 1" X 3/16"		2.40			
2" X 2" X 3/16"		4.50	2.38		
3" X 6" X 1/2"		3.26	1.69	1.17	0.89
4" X 4" X 3/8"		4.28	2.21	1.53	1.19
4 1/4" X 4 1/4" X 1/4"					
4" X 8" X 1/2"		4.28	2.19	1.49	1.15
6" X 6" X 3/8"		6.41	3.21	2.25	1.69
6" X 6" X 1/2"					
8" X 8" X 3/8"		8.55	4.28	2.85	2.14
10" X 10" X 3/8"		10.69	5.34	3.56	2.67
12" X 12" X 3/8"		12.83	6.41	4.28	3.21
16" X 16" X 3/8"		17.06	8.53	5.70	4.27
18" X 18" X 3/8"		19.25	9.62	6.42	4.82
24" X 24" X 3/8"		25.56	12.82	8.55	6.42

TECHNICAL DATA Portland Cement Grout, Sanded (mixed with water)	
ANSI A118.6 – 1999 TEST	**RESULTS**
28 DAY COMPRESSIVE STRENGTH	>3500 PSI
7 DAY LINEAR SHRINKAGE	<0.1%
VOCs/ASTM D6886	0 g/L
PROPERTIES at 72°F (22°C) & 50% relative humidity	
POT LIFE*	1-2 HOURS
***ALL PROPERTIES MAY VARY BASED ON JOB SITE CONDITIONS**	

DAMP CURING: Damp curing will further enhance the finished job. Cover the finished installation with non-staining Kraft paper for three days, or, wait 24 hours and then wipe the joints daily with a damp sponge or mop for three days. Damp curing is not necessary if grout is mixed with Acrylic Grout Additive in place of water.

Packaging
8.8 lb. Cartons
4 Cartons/Case (Limited colors)
25 lb. bags (Limited colors)

Shelf Life
One year when stored in original packaging in a dry, ventilated place. Exposure to moisture will shorten the shelf life.

WARNING! EYE AND SKIN IRRITANT. BREATHING DUST MAY CREATE LUNG CANCER RISK. CONTAINS CRYSTALLINE SILICA AND PORTLAND CEMENT. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. In case of eye contact, immediately flush with plenty of water for at least 15 minutes, consult physician immediately. For skin contact, wash affected area with soap and water. For additional information, see Safety Data Sheet (SDS) for this product on our website.

KEEP OUT OF THE REACH OF CHILDREN!

Technical Assistance
Monday through Friday
8:00 AM to 4:30 PM EST
T 718-278-7900 ext. 111
By e-mail: info@super-tek.com
Or our website: www.super-tek.com

GREEN by DESIGN

NOTICE AND WARRANTY DISCLAIMER: The MANUFACTURER has provided these Instructions/ Recommendations [I/R] to assist the USER in the application of this product. These I/Rs are not warranted to be comprehensive, complete, thorough or conclusive as regards any specific installation. Before using, USER shall determine the suitability of the product for its intended use and USER alone assumes all risks and liability whatsoever in connection therewith. The liability of the SELLER and the MANUFACTURER, whether express or implied, whether in contract or in tort, arising out of warranties, representations, instructions or defects from any cause shall be limited exclusively to replacing the product, provided the same is proved defective, or refunding the purchase price upon return of the unused product. In no event will SELLER or MANUFACTURER be liable for consequential damages, including but not limited to, loss of materials, costs of labor, loss of profits, costs of replacement goods, or other commercial loss. The USER accepts the product AS IS, and without warranties expressed or implied. Any claims shall be deemed waived unless made in writing to MANUFACTURER within ten (10) days from date it was, or reasonably should have been, discovered.

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