

SECURITY POLYMER GROUT

For joint widths from 1/8" to 5/8"



MANUFACTURER:

SGM, Inc.
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USES:

Our Security Polymer Grout is suitable for use in both commercial and residential applications, with all types of tile, marble, granite, and slate. Additionally, it's a great fit in service areas such as showers, counter-tops, walls, floors, schools, kitchens, hotels, and hospitals. Ideal for use in swimming pools, spas, fountains and submerged applications. Security Polymer Grout is available in thirty-two (32) designs and colors.

CHARACTERISTICS:

- Eliminates Mottling
- Easy Clean Up
- High Strength
- Non-shrink

LIMITATIONS:

Do not use where high acid resistance is required. Do not install SGM Security Polymer Grout when the ambient temperature is below 50°F (fifty degrees Fahrenheit). The potential for efflorescence is inherent in all Portland cement setting and grouting systems and is not considered a manufacturing defect. Do not use latex additives with security grout.

PREPARATION:

IMPORTANT FACTS TO KNOW

BEFORE GROUTING: Uneven color variations are caused by the following: sun and wind exposure, variations in grout joints, excessive amounts of water, uneven glaze patterns on sides of tiles, using a sponge during the cleanup, and uneven moisture content in setting bed. Mortar bed should be allowed to dry thoroughly before grouting, approximately 48 hours for a thin-bed method. Keep grout joints width and depth the same. Mix each batch of grout with the same minimum amount of water and mix the same way each time. Saturating the entire installation prior to grouting will help control the hydration of the Portland cement grout. Use only the same lot numbers. If separate batch numbers have to be used, dry blend to obtain a uniform color. **Note:** Some glass, metal and dimension stone can be scratched or damaged by the silica aggregate filler. Perform a test on a small area prior to use. **Note:** Do not allow any standing water to remain present while grouting. The application of a grout release agent may be necessary to avoid staining of some tiles. Consult tile manufacturer.

APPLICATION:

Mix SGM Security Polymer Grout in a clean mixing container using clean water suitable for drinking. Always add the powder to liquid. Mix the grout to a heavy cream consistency and allow to slake for five (5) to ten (10) minutes. Then remix thoroughly until smooth. Do not add any more water. Do not mix more than can be used in thirty (30) minutes. Joints should be thoroughly cleaned before applying grout. The most consistent color will be obtained

by using a firm rubber float to fill and compact grout joints. Remove excess grout from the surface with a rubber float, wait a few minutes. Allow grout joint to become slightly firm. After joints are firm and surface haze has formed, polish with a soft, clean cloth. Dampen lightly to clean tiles.

CURING:

Proper curing is necessary for grout to achieve maximum strength. After the surface has been polished, wait for 24 hours and damp mop entire installation with clean, clear, potable, water and cover entire installations with a non-staining craft paper for at least three (3) days. If this is impractical, mist grout several items a day for at least three (3) days.

TECHNICAL DATA:

Meets ANSI A118.6 & A118.7 / A108.10

Security Polymer Grout Physical Properties	
28 day compressive strength:	>3000psi
7 day tensile strength:	>400psi
Water absorption:	<5%

WARNING:

Product is alkaline on contact with water. Use paddle for mixing to avoid splashing into eyes or contact with skin. During mixing or application avoid contact with eyes. In case of such contact, flood eyes repeatedly with water and CALL A PHYSICIAN. Wash thoroughly after handling and before smoking or eating. Do not take internally. CONTAINS

FREE SILICA — DO NOT BREATHE DUST. Prolonged exposure to dust may cause delayed lung disease (Silicosis).

Warning: This product may expose you to chemicals, including silica, which the State of California recognizes as a cause of cancer. For more information, visit the Proposition 65 Warnings Website (www.P65Warnings.ca.gov). Use NIOSH approved masks at all times to handle silica dust. KEEP OUT OF REACH OF CHILDREN.



WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SHELF LIFE:

Up to one (1) year from date of manufacturer in an unopened, properly stored container.

LIMITED WARRANTY:

SGM, Inc. warrants this product will perform in accordance with its intended use for a period of one (1) year from the date of manufacture. Any claim for defective product must be submitted in writing to SGM, Inc., and samples of defect must be provided. EXCEPT AS PROVIDED HEREIN, SGM, INC. MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL SGM, INC. BE LIABLE FOR DAMAGES OF ANY KIND OR NATURE, WHETHER ARISING BY CONTRACT, TORT OR OTHERWISE. SGM, INC.'S SOLE OBLIGATION WILL BE TO REPLACE ANY PRODUCT DETERMINED BY SGM, INC. TO BE DEFECTIVE.

TECHNICAL SERVICES:

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting SGM Technical Services Department.

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