SECURITY POLYMER GROUT
For joint widths from 1/8" to 1/2"

SGM Security Polymer Grout is a polymer modified Portland cement based grout designed to be used with all tile types in joint widths from 1/8" to ½".

MANUFACTURER:

SGM, Inc.
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USES:

SGM Security Grout is suitable for use in both commercial and residential applications, with all types of tile, marble, granite and slate in service areas such as showers, countertops, walls, floors , schools, kitchens, hotels and hospitals.

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 degree F. 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 cleanup, and uneven moisture content in setting bed. Mortar bed should be allowed to dry thoroughly before grouting, approximately 48 hours for 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 uniform color. NOTE: Do not allow any standing water to remain present while grouting. Application of a grout release agent may be necessary to avoid staining of some tiles. Consult tile manufacturer.

APPLICATION:

Mix SGM Security Grout in a clean mixing container using clean water suitable for drinking. Always add powder to liquid. Mix grout to a heavy cream consistency and allow to slake for 5-10 minutes. Then remix thoroughly until smooth. Do not add any more water. Do not mix more than can be used in 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 surface with rubber float, wait a few minutes. Allow grout joint to become slightly firm. After joints is firm and surface haze has formed, polish with a soft, clean cloth. Dampen lightly to clean tiles.

CURING:
Proper curing is necessary for gout to achieve maximum strength. After surface has been polished, wait 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 3 days. If this is impractical, mist grout several items a day for at least 3 days.

TECHNICAL DATA:

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

28 day compressive strength:	>3000psi
7 day tensile strength:	>400psi
Water absorption:	<5%

SHELF LIFE:
Up to one (1) year from date of manufacture in unopened container.

PACKAGING:
10 lbs. (4.09Kg)
25 lbs. (22.7Kg)

SGM
BUILDING A STRONGER FOUNDATION, WORLDWIDE.

LIMITED WARRANTY:

S.G.M., Inc. will replace any material proved defective with the maximum shelf life on unused material of up to one (1) year. If our products are not found to conform to our high standards, notify S.G.M., immediately in writing. There is no other obligation expressed or implied, and we assume no liabilities for damages of any kind. Suitability of the product for an intended use shall be solely up to the user.

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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