Siena Sanded Grout GS300 is a polymer-enhanced premium grout manufactured with a mixture of portland cement, very fine graded aggregates and other proprietary additives to produce a high quality grout that requires only the addition of water. Siena Sanded Grout GS300 is mildew resistant, efflorescence resistant, available in 36 premium colors, and complies with the requirements of ANSI A118.6.

**FEATURES**
- Polymer-Enhanced
- 36 Premium Colors
- Meets ANSI A118.6

**BENEFITS**
- Resists Mildew & Fungus
- For Wall & Floor Joints 1/8” - 1/2”
- For Residential & Commercial

**BASIC USES**
Siena Sanded Grout GS300 is used for grouting tile joints of 1/8” - 1/2” wide for interior and exterior applications of most tiles and stones. Siena Sanded Grout GS300 can be used on floors and walls of residential and commercial projects. Siena Admix AX100 is specially formulated to be used in combination with Siena Grouts to increase water retention, impart greater flexibility, improve bond strength and surface appearance. For grout joints that are under 1/8” use Siena Non-Sanded Grout NS200.

**RECOMMENDED SUBSTRATES**
In general, tiles of the following materials can be grouted with Siena Sanded Grout GS300: Porcelain, stone, ceramic, mosaic, glass, slate, granite, quarry, clay and stone agglomerates, for all joints that are between 1/8” and 1/2” wide.

**SURFACE PREPARATION**
Verify that all tiles are firmly attached and the mortar is dry. All joints to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all spacers are removed. Remove excess mortar from the joints until at least 2/3 of the tile depth is free from mortar. Porous tile and stone may require sealing to avoid staining when a color grout is used. Some tile and stone may be easily scratched during the grouting process. See tile and stone manufacturer’s recommendation regarding staining, scratching and installation guidelines. Surface temperature must be within 45°F (7.2°C) and 75°F (23.9°C). For complete installation methods see the TCNA (Tile Council of North America) Handbook.

**MIXING**
Dry blend the material to ensure a good dispersion of the pigments. In a clean pail gradually add one 25 lb bag of Siena Sanded Grout GS300 to approximately 2 quarts (1.9 L) of potable water or Siena Admix AX100. Water or admix must be cool in temperature, clean and clear. Do Not use hot or warm water or admix. Mix material thoroughly to a smooth consistency and let it slake (stop mixing) for 10 minutes and then break the set by remixing. Do Not add additional water, admix or powder after slake period. During application, occasionally stir the mixture to help maintain workability.
Sanded Grout GS300

APPLICATION
Moisten porous or absorptive tiles with a wet sponge to ease the application, but do not leave water standing in the joints. Using a rubber float, fill the joints completely with the grout in a diagonal direction to the joints. Apply material as needed to cover all voids and gaps and to ensure that the material is well compacted. Remove excess grout also in a diagonal direction. Make sure that the grout is flush with the tiles. Allow the grout to firm up in the joints for approximately 30 minutes. Dampen a grout sponge in a pail of clean water and wring excess water. Move the sponge over the surface in a diagonal direction to the joints and smooth the grout until it levels with the tiles. Clean grout from sponge in clean water. Repeat process as needed. Avoid using too much water because discoloration may occur. Let the grout dry for 30 - 60 minutes then clean the tile surface from any grout residue with a dry terrycloth or towel. When temperatures are above 75°F (23.9°C) Do Not spread more grout than can be cleaned within 30 minutes of grout firming. DO NOT allow grout to flash dry during hot or windy conditions. Proper drying, curing and grout hardness is affected by surface temperatures and humidity. Damp curing is highly recommended for all exterior installations and any area where conditions may cause flash drying from heat, wind or fans. Damp curing is accomplished by covering the freshly applied grout and tile surface with natural kraft paper, and misting periodically with cool clean water to creating a moist atmosphere for 72 hours. DO Not use newspaper, plywood, poly film or anything other than natural kraft paper to damp cure freshly applied grout.

CLEANING
Cleaning of excess material not in tile joints may be accomplished with water immediately after use.

LIMITATIONS
DO NOT apply at surface temperatures that are below 45°F (7.2°C) or above 75°F (23.9°C). DO NOT allow grout to flash dry during hot or windy conditions and exterior installations. Damp Curing for 72 hours is highly recommended for all exterior installations and any area where conditions may cause flash drying from heat, wind or fans. For full Damp Curing instructions see Applications section above. Avoid freezing until the material is dry. DO NOT use with polished marbles. DO NOT use for installations that require a high resistant grout. DO NOT use acid cleaners over colored grouts, unglazed tiles, natural stone or marble. DO NOT use newspaper, polyethylene film or other materials in the curing process. DO NOT use to grout joints that are less than 1/8". For grout joints that are less than 1/8" use Siena Non-Sanded Grout NS200. DO NOT use where chemical-resistant grout is required. For these type of installations, Siena Epoxy Grout may be used (see specifications to determine use). DO NOT apply grout over any expansion or control joint. For more information see TCNA (file Council of North America) Handbook and EJ-171.

TECHNICAL ASSISTANCE
Technical information is available on our web site at: SienaProducts.com and click on “Materials Calculator.”

TECHNICAL DATA

Linear Shrinkage

<table>
<thead>
<tr>
<th>Time (Days)</th>
<th>Linear Shrinkage</th>
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<tbody>
<tr>
<td>1</td>
<td>0.01%</td>
</tr>
<tr>
<td>7</td>
<td>0.09%</td>
</tr>
</tbody>
</table>

Water Absorption

8%

Immersion to Dry

11%

Compressive Strength

28 Days: 3,500 psi

Tensile Strength

7 Days: >360 psi

28 Days: >380 psi

Pot Life at 73°F (23°C) 1 Hour

COVERAGE
Actual coverage may vary according to job conditions. The following information should be used as a guideline only. Approximate coverage in ft² per 25 lb (11.3 kg) bag. For additional grout coverage information, please refer to the Siena web site at SienaProducts.com and click on “Materials Calculator.”

TILE SIZE

<table>
<thead>
<tr>
<th>Tile Size</th>
<th>L x W x H (in)</th>
<th>Coverage (ft²/bag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 1 x 1/4</td>
<td>250 x 250</td>
<td>45</td>
</tr>
<tr>
<td>2 x 2 x 1/4</td>
<td>0 x 0 x 6 mm</td>
<td>180</td>
</tr>
<tr>
<td>8 x 8 x 1/4</td>
<td>0 x 0 x 6 mm</td>
<td>360</td>
</tr>
<tr>
<td>12 x 12 x 1/8</td>
<td>0 x 0 x 9 mm</td>
<td>360</td>
</tr>
<tr>
<td>16 x 16 x 1/8</td>
<td>0 x 0 x 12 mm</td>
<td>475</td>
</tr>
<tr>
<td>18 x 18 x 1/2</td>
<td>0 x 0 x 12 mm</td>
<td>400</td>
</tr>
</tbody>
</table>

Note: Values listed above are typical results for tests indicated and should not be considered specifications. Actual product performance will depend on job conditions, temperature, humidity and application methods.

SAFETY
Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

WARNING
Omega Products International, Inc., as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in this product, could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and its contents.

KEEP OUT OF REACH OF CHILDREN