Siena Admix AX100 is an acrylic resin admixture manufactured with high quality polymers and proprietary additives to produce a standard admixture for regular cement based grouts and non-modified mortars. Siena Admix AX100 promotes increased flexibility, adhesion and higher bond strength. Siena Admix AX100 can be used to enhance the performance of regular cement based grouts and non-modified mortars such as: Siena Sanded Grout GS300, Non-Sanded Grout NS200, ThinSet 510, Premium Set 550, Fast Set 595, Type S, SVM, and Deck Mud. Siena Admix AX100 complies with ANSI A118.4 and A118.6.

### MATERIALS CALCULATOR
Visit the Siena web site at SienaProducts.com and click on the “Material Calculator” tab for recommended products and to calculate the amount of materials needed for each project. Always follow all manufacturers’ recommendations and warranty information prior to any tile or stone installation.

### FEATURES
- Acrylic Resin
- Longer Open Time
- ANSI A118.4 & A118.6

### BENEFITS
- For Regular Cement Based Grouts & Non-Modified Mortars
- Greater Bond Strength
- Increased Flexibility & Adhesion

### BASIC USES
Siena Admix AX100 is specially formulated to be used in combination with regular cement based grouts and non-modified mortars to increase water retention, impart greater flexibility, improve bond strength and surface appearance. When Siena Admix AX100 is used with regular cement based grouts and non-modified mortars, it improves bond strength, density, flexibility and adhesion. Siena Admix AX100 can be used in regular cement based grouts and non-modified mortars that are for floors and walls in residential and commercial projects.

### RECOMMENDED SUBSTRATES
Properly prepared substrates includes: Cured concrete (28 days), portland cement mortar beds, brown coat, backer boards (per manufacturer’s specifications), gypsum boards (dry interior walls only), masonry block, brick, exterior grade plywood, well bonded existing tile and stone properly prepared with Siena Gripping Primer.

### SURFACE PREPARATION
All surfaces to receive application must be properly cured, structurally sound, clean and free of debris, dirt, dust, efflorescence, wax, grease, oils, curing agents, cleaning solutions, sealers, adhesive residues or gypsum-based underlayments, or anything that would hinder proper bond. Smooth or painted surfaces can be prepared by mechanical means such as sanding, scraping or using Siena Gripping Primer. Dampen surface prior to application, but do not allow water to puddle. Substrate temperature must be within 45°F (7.2°C) and 85°F (29.4°C). For complete installation methods see the TCNA (Tile Council of North America) Handbook and ANSI A108.5.
CEMENTITIOUS SUBSTRATES
Cementitious substrates can be cleaned by mechanical means such as sanding, scraping, scraping or chopping. Smooth painted or waterproof cementitious surfaces can be prepared by mechanical means such as sandblasting, scraping or using Siena Gripping Primer. Dampen the surface prior to the application but do not allow water to puddle. Substrate deflection not to exceed L/360. For complete installation methods see the TCNA (Tile Council of North America) Handbook and ANSI A108.5.

TILE SUBSTRATES
Use Siena Gripping Primer over the existing tile and allow to dry (20-60 mins.) before applying mortar. Existing tile must be sound, well bonded, clean and free of anything that would hinder proper bond or prevent adhesion. For complete installation methods see the TCNA (Tile Council of North America) Handbook and ANSI A108.5.

EXPANSION & CONTROL JOINTS
Never apply mortar over any expansion or control joint. For more information see TCNA (Tile Council of North America) Handbook and EJ-171.

MIXING
Siena Admix AX100 is to be used instead of the water when mixing. Follow the appropriate instructions on the regular cement based grouts and non-modified mortars data sheets. Use a mixer of less than 300 rpm to avoid entrapping too much air. For best results, add powder to liquid

APPLICATION
When using Admix AX100, please follow the Application instructions as indicated on the regular cement based grouts and non-modified mortars data sheets.

LIMITATIONS
DO NOT dilute Siena Admix AX100. Avoid over mixing which causes air entrapment and weakens its strength. DO NOT apply Siena Admix AX100 mixture over gypsum mortar beds, asphalt sheeting, vinyl covered wall board, Masonite, cement asbestos board, metal, glass, plastic or any dimensionally unstable substrate. DO NOT apply at temperatures below 45°F (7.2°C) or above 85°F (29.4°C). When hot, dry, or windy conditions exist, protection must be provided. The ambient and surface temperature must maintain the above requirements until fully dried. Material that is allowed to freeze may suffer irreparable damage. Protect all work from inclement weather with an approved protective system until fully dried (See Drying & Curing). DO NOT add any other materials to the mixture of the product without written approval from Siena, Omega Products International. DO NOT deviate in the mixing or application procedures contained in this, or any other Siena Product data sheets without written approval from Siena or Omega Products International. DO NOT use with green or red marbles as they may react with the mortar, warp and detach. For these moisture sensitive materials use Siena Epoxy Mortar & Grout.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Compressive Strength ASTM C-109</th>
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<tr>
<td>7 Days</td>
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<tr>
<th>Shear Bond ANSI A118.1</th>
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<tbody>
<tr>
<td>Glazed Wall Tile</td>
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<tr>
<td>7 Days</td>
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<tr>
<td>28 Days</td>
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<tr>
<td>Porcelain Tile</td>
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<tr>
<td>7 Days</td>
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<tr>
<td>28 Days</td>
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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.

TECHNICAL ASSISTANCE
Technical information is available on our web site at: SienaProducts.com, by calling Omega Products International at: 800.600.6634, or by email at: info@omega-products.com

CLEANING
Cleaning may be accomplished with water immediately after use.

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, 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

Disclaimer
Omega Products International (Manufacturer) MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer’s sole and exclusive remedy for any claimed defective product against Manufacturer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product for his or her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.