



Wall Float

MORTAR

PACKAGING

50 lb (22.7 kg) bags

75 lb (34.1 kg) bags

STORAGE

Store in a cool, dry location at a temperature between 40°F (4°C) and 90°F (32°C). Do not store in direct contact with the ground or concrete. Store out of direct sunlight and protect from weather and other damage.

DRYING & CURING

Provide sufficient moisture in the mix to permit continuous hydration of the cementitious materials. Curing and time between coats will depend on climate and job conditions. Curing time may vary due to porosity of substrate, ambient temperatures and humidity. Product will be fully cured in 7 - 28 days due to application methods, thickness of material, and surface temperature. All freshly applied material must be protected from job site damage and inclement weather until covered by finish materials.

MATERIAL 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.



Siena Wall Float is a mortar consisting of portland cement complying with ASTM C150, hydrated lime complying with ASTM C207, and sand complying with ASTM C144. Siena Wall Float is designed to be used as a scratch and brown coat for most tile and stone installations. Flexibility, adhesion, and water resistance of the wall float are improved when Siena Admix AX300 or AX400 are used in lieu of water. Siena Wall Float is available in grey in both 50 lb and 75 lb bags.

FEATURES	BENEFITS
Vertical Scratch & Brown Substrate	Superior Strength
Interior & Exterior	ASTM C207
Commercial & Residential	ASTM C114

BASIC USES

Siena Wall Float is designed as a scratch and brown coat over open framing with lath or over solid backing, such as concrete or masonry. Siena Wall Float may be used for interior or exterior applications on walls or ceilings, and is a suitable substrate for most tile and stone installations.

SURFACE PREPARATION

Solid Substrates

For solid substrates such as concrete or masonry, surfaces to receive application must be structurally sound, clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are free of any coatings, sealers, adhesive residues, or gypsum-based underlayments. Repair cracks with the appropriate patching material for the existing substrate as needed. Bonders or admixtures may be required to insure proper adhesion. Dampen surface prior to application. For more complete installation procedures refer to the TCNA (Tile Council of North America) Handbook and ANSI A108.5 and local building codes as applicable.

Framing

Ensure substrates, water resistant barrier and lathing has been installed and inspected as required by TCNA (Tile Council of North America) Handbook, Siena literature and local building codes as applicable.

MIXING

Gradually add one bag of Siena Wall Float to approximately 3.6 quarts (3.4L) for the 50 lb bag, and 5.4 quarts (5.1L) for the 75 lb bag, of clean, cool water or admix. Do not use hot or warm water or admix. Siena Admix AX300 or AX400 can be used in lieu of water. Mix by hand or use a mixer of less than 300 rpm to avoid too much entrapped air to achieve the desired creamy consistency. Allow mixture to slake (stop mixing) for 5 - 10 minutes then break the set (remix). Do Not add any additional water, admix or powder after slake period. During the application occasionally stir the mixture to help maintain workability.



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APPLICATION

Siena Wall Float can be applied as follows:

Over Framing

1. Scratch Coat: Apply the mixed Wall Float to an approximate thickness of 3/8". Allow to cure for 24 hours then dampen the scratch coat prior to the brown coat application.
2. Brown Coat: Once the scratch coat has sufficient strength to hold the brown coat, dampen the scratch coat and apply the mixed Wall Float to an approximate thickness of 3/8". Maximum thickness of the mortar should be 3/4".
3. Rod and screed to achieve a uniform surface.
4. Float the freshly applied Wall Float to prepare surface for finish.

Over Masonry or Cementitious Substrates

1. Ensure surface is structurally sound and properly prepared to ensure bonding. Use of a bonding agent or lath may be necessary to ensure proper bond.
2. Dampen surface and apply the mixed Wall Float to a maximum of a 1/2". Greater thickness is possible, but requires lath to be used.
3. Rod or screed to achieve a uniform surface.
4. Float the freshly applied Wall Float to prepare surface for finish.

NOTE: All coats must be applied with sufficient material and pressure to ensure tight contact and complete coverage of the base to a nominal thickness.

LIMITATIONS

When using Siena Wall Float for exterior applications, mortar must be protected from rapidly drying out. DO NOT apply at temperatures below 40°F (4°C) or above 90°F (32°C). Avoid freezing until the material is dry.

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.

TECHNICAL DATA

Compressive Strength ASTM C-109

(Dry Cure 7 Days)	2,000 psi
(Dry Cure 28 Days)	3,500 psi

COVERAGE

Mortar Thickness	3/8"	3/4"
50 lb. bag	16 ft ²	8 ft ²
75 lb. bag	25 ft ²	12.5 ft ²

SETTING TIMES

Pot Life	1.3 Hours
Initial Set	3.5 Hours
Final Set	7.2 Hours

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

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

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