



Mastic 625

ADHESIVE

PACKAGING

This product is packaged in two sizes; 1 gallon (3.78 L) and 3.5 gallon (13.25 L) pails.

STORAGE

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

GROUTING

Tiles may be grouted within 24 - 48 hours after installation in normal conditions of 70°F

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 Mastic 625 is an easy to use, high performance, smooth spreading adhesive formulated for interior installation of most types of tile and stone on vertical and horizontal surfaces in residential and commercial applications. This product is ready to use, requires no mixing, and mold & mildew resistant. It is freeze thaw stable to 10°F, non-flammable, and exceeds ANSI A136.1 specifications for Type 1 organic adhesives. Do Not use for exterior applications.

FEATURES	BENEFITS
Walls & Floors	Vertical & Horizontal Surfaces
Non-Slip High Performance	Exceeds ANSI-A-136.1 Type 1

BASIC USES

For most tile and stone including ceramic, mosaics, glazed wall tile, quarry tile, gauged slate, and pavers, up to 12" x 12".

RECOMMENDED SUBSTRATES

Siena Mastic 625 can be used over APA grade plywood, association grade particleboard, cork underlayments, existing well-bonded vinyl, tile and sheet flooring, terrazzo, radiant heated subfloors where surface temperatures do not exceed 85°F, concrete, and TCNA approved vertical surfaces. Install above, on, or below grade, in the absence of excessive moisture and alkali. The pH levels of concrete should be greater than 5 and less than 9.

SURFACE PREPARATION

Surface must be structurally sound and free of dirt, dust, paint, oils, film, grease, adhesive, release agents, chemical curing compounds, and anything that would interfere with a proper bond. For complete instructions see the Tile Council of North America (TCNA) Handbook or ANSI A108.4.

RECOMMENDED TROWELS

3/16" x 5/32" sawtooth	Up to 60 ft ² /gal
1/8" x 1/8" x 1/8" V-notch	Up to 80 ft ² /gal
1/4" x 1/4" x 1/4" square-notch	Up to 30 ft ² /gal

*Coverage may vary based on porosity of substrate, tile, temperature, and job conditions. It is the responsibility of the installer to apply the proper amount of adhesive to achieve a min of 90% coverage.



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APPLICATION

Siena Mastic 625 adhesive should be used in temperatures between 40°F and 90°F. Using the flat side of the notch trowel apply a tight, thin layer of adhesive over the substrate. Then add more adhesive and comb the material in one direction using the appropriate notch size to achieve a min of 90% contact to the back of the tiles. Back buttering each tile is recommended to insure proper coverage. Set the tiles over the adhesive, applying firm pressure to flatten the ridges and assure good contact. Periodically check already placed tiles to verify that there is sufficient adhesive transfer with the back of the tiles. Adjust tiles immediately after their placement and clean any excess material with a damp sponge. Working time is 30 - 45 minutes at 70°F.

CAUTION

Do Not take internally. If swallowed, Do Not induce vomiting and call a physician immediately. In case of eye contact, flush immediately with running water for at least 15 minutes and consult a physician immediately. Avoid contact with eyes or prolonged contact with skin. Wash thoroughly with water after handling. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator and gloves are recommended.

LIMITATIONS

Do Not apply Siena Mastic 625 directly over improper or wet plywood, particleboard, strip wood, asphalt sheeting, vinyl covered wall board, Masonite, cement asbestos board, metal, glass, plastic, or any dimensionally unstable substrate. Do Not apply at temperatures below 40°F (4°C) or above 90°F (32°C). Avoid freezing until the material is dry. Do Not apply over wet surfaces, or with high hydrostatic pressure. Do Not use over structural cracks in excess of 1/8" (3.2 mm). Do Not use with marble on substrates with a greater deflection than 1/720. Do Not use to install fixtures. Do Not use to install button back or lug back tiles, or tiles over 12" x 12". Not for exterior applications or installations.

CLEANING

Cleaning may be accomplished with water immediately after use.

TECHNICAL ASSISTANCE

Technical information is available on our web site at: SienaProducts.com, by calling Omega Products International at: 951.737.7447, 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

TECHNICAL DATA

Open Time at 73°F (23°C)	30-45 Minutes
Adjustability at 73°F (23°C)	30-45 Minutes
V.O.C. (SCAQMD Compliant)	63 gr/L
Freeze-Thaw Stable	10°F (-12°C)
Anti Microbial	Protected with Meta-Sept®

COVERAGE (PER GALLONS AND LITERS)

Sawtooth Trowel Coverage

3/16" x 5/32" (4.8 x 4.8 x 4.0 mm)	60 ft ² (2.0 m ²)
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Square Notch Trowel Coverage

1/4" x 1/4" x 1/4" (6.4 x 6.4 x 6.4 mm)	30 ft ² (1.0 m ²)
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1/4" x 1/4" x 3/8" (6.4 x 6.4 x 9.5 mm)	40 ft ² (1.0 m ²)
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V-Notch Trowel Coverage

1/8" x 1/8" x 1/8" (3.2 x 3.2 x 3.2 mm)	80 ft ² (2.0 m ²)
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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.

Disclaimer

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