



Self-Leveling Underlayment (SLU)

FROM 0"- 3/4"-UNDERLAYMENT



PACKAGING

50 lb (22.7 kg) bags

STORAGE

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

CURING

Surfaces can be walked on in 2 - 4 hours and the floor covering can be installed within 12 - 24 hours. Curing time may vary due to porosity of substrate, ambient temperature and humidity. Bond, tensile and shear strengths will increase during the first 28 days.

MATERIAL CALCULATOR

Visit the Siena web site at www.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 Self-Leveling Underlayment (SLU) is a portland cement based, rapid setting mortar designed to create a smooth, level surface prior to the application of a variety of floor coverings. It is designed for fast leveling of floors from 0"- 3/4" with minimum time and labor. Surfaces can be walked on in 2 - 4 hours and the floor coverings can be installed within 12 - 24 hours. Siena Self-Leveling Primer should be used prior to using SLU.

FEATURES	BENEFITS
Rapid Setting Underlayment	Foot Traffic in 2 - 4 Hours
Smooth Leveling from 0"- 3/4"	Install Flooring in 12 - 24 Hours
Commercial & Residential	Self-Level Primer Required

BASIC USES

Self-Leveling Underlayment (SLU) can be used over concrete, plywood, terrazzo, quarry and tile in commercial and residential projects. Once the Siena SLU has cured, tile, stone, carpeting, marble, resilient floor, wood, parquet and other approved floor covering may be applied.

SURFACE PREPARATION

All surfaces to receive SLU application must first be primed with Siena Self-Leveling Primer. Refer to the Siena Self-Leveling Primer data sheet for additional information on surface preparation. Substrate deflection should not exceed 1/360. Some substrates, such as plywood, may require the use of lath.

MIXING

Mix a 50 lb. bag of Self-Leveling Underlayment (SLU) with 1.5 gallons of clean, potable water. Water should be cool in temperature. Do Not use hot or warm water. Potable (water) means it is clean, clear liquid. Put water in the mixing drum first and then add dry powder while mixing with a 1/2" electric drill with a minimum of 650 rpm. Mix the material thoroughly for approximately 2 - 3 minutes to obtain a lump free consistency. Do Not add additional water.



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APPLICATION

Siena Self-Leveling Underlayment (SLU) has a flow time of 10 minutes. Pour the SLU on the desired area and finish by using a spreader. Spiked shoes with non-metallic cleats should be used if it is necessary to avoid leaving marks in underlayment. Siena Self-Leveling Underlayment should NOT be applied over substrates that are below 40°F (4°C) or above 90°F (32°C). Avoid freezing until the material is dry.

LIMITATIONS

DO NOT apply Self-Leveling Underlayment directly over particle board, paints, gypsum mortar beds, vinyl covered wall board, metal, glass, plastic or any dimensionally unstable substrate. Siena Self-Leveling Underlayment is for interior use only and shall not be applied over any surface unless it has been primed with Self-Leveling Primer. DO NOT apply at temperatures below 40°F (4°C) or above 90°F (32°C). Avoid freezing until the material is dry.

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, 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

TECHNICAL DATA

Flow Time at 70°F (21°C)	10 minutes
Working Time at 70°F (21°C)	20 to 25 minutes
Initial Set at 70° F (21°C)	45 minutes
Final Set at 70° F (21°C)	60 minutes
Compressive Strength ASTM C 109	
7 Days	2725 psi
28 Days	4050 psi

Flexural Strength (ASTM C 348)	1008 psi
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Tensile Strength (ASTM C 190)	480 psi
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Linear Shrinkage ASTM C 531 28 Days	0.043%
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COVERAGE

Thickness 1/8"	60 ft ² (5.7 m ²)
Thickness 1/4"	30 ft ² (2.86 m ²)

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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