



#### PACKAGING

50 lb (22.7 kg) bag

#### STORAGE

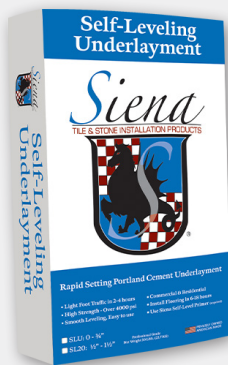
Store in a cool, dry location at a temperature between 40°F (4°C) and 90°F (32°C). Do not store in direct contact with the ground or concrete. Store out of direct sunlight and protect from weather and other damage.

#### DRYING & CURING

Allow freshly applied material to dry at least 2 - 4 hours before light foot traffic. Floor coverings may be installed within 12 - 24 hours. Drying time may vary due to porosity of substrate, climate, job conditions and should not take more than 24 hour at an ambient and surface temperature of 70°F (21°C) and 55% humidity. Material is fully cured in 28 days.

#### 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.



# Self-Leveling Underlayment & SL20

SLU from 0" - 3/4" & SL20 from 1" - 1 1/2" - Underlayment



Siena Self-Leveling Underlayment (SLU) and SL20 are portland cement based, rapid setting underlayments designed to create a smooth, level surface prior to the application of a variety of floor coverings. They are designed for fast leveling and smoothing of horizontal interior substrate applications. The SLU can be applied from 0 to 3/4" in a single pour, and the SL20 can be applied from 1/2" to 1 1/2" in a single pour. After 24 hours a second pour can be made if needed. Surfaces can have light foot traffic in 2 - 4 hours, and floor coverings can be installed within 6 - 18 hours. Siena Self-Leveling Primer must be applied to the substrate prior to using Siena SLU and/or Siena SL20 underlayments.

FEATURES	BENEFITS
Rapid Setting Underlayment	Foot Traffic in 2 - 4 Hours
Smooth and Level Substrate	Install Flooring in 6 - 18 Hours
High Strength & Durability	Over 4,000 psi
Easy to Use	Commercial & Residential

#### BASIC USES

Self-Leveling Underlayment (SLU) and SL20 can be used over concrete, plywood, terrazzo, quarry and tile in commercial and residential projects. Siena SLU and SL20 underlayments create a smooth and level substrate needed to install tile, LVT, porcelain, stone, vinyl, carpeting, wood, and other approved flooring materials.

#### SURFACE PREPARATION

All substrates to receive SLU or SL20 must be primed with Siena Self-Leveling Primer. Substrate must be solid, stable, structurally sound, clean, dry and free of movement. Surfaces must be free of dirt, dust, grease, wax, oils, curing agents, cleaning solutions, or anything that would interfere with the primer. Smooth or painted surfaces can be prepared by mechanical means such as sanding or scraping. Before applying Siena Self-Leveling Primer dilute 1:1 with clean water. Evenly apply a thin coat with a soft bristle broom. Absorbent surfaces, such as concrete, may require two coats. Avoid pinholes or bubbles. Do not use spray equipment, mops or paint rollers. Remove puddles of excess primer. 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.

#### MIXING

Mix by hand or use a mixer not to exceed 300 rpm to avoid too much entrapped air. Add gradually one 50 lb bag of Siena Self-Leveling Underlayment (SLU) or SL20 to approximately 1 1/2 gallons (5.7L) of potable water, but Do Not over water. Water must be cool in temperature, clean and clear. Do Not use hot or warm water or admix. Mix material thoroughly for approximately 2 - 3 minutes to obtain a lump free, smooth consistency. Do Not add additional water or powder after mixing.



# Self-Leveling Underlayment & SL20

SLU from 0" - 3/4" & SL20 from 1" - 1 1/2" - Underlayment

## APPLICATION

Siena Self-Leveling Underlayment (SLU) and SL20 have a flow time of 10 minutes. Pour the underlayment 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 (SLU) and SL20 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.

## GROUTING

Grouting should be done 48 hours after the tile installation.

## LIMITATIONS

DO NOT apply Self-Leveling Underlayment (SLU) and SL20 directly over particle board, paints, gypsum mortar beds, vinyl covered wall board, metal, glass, plastic or any dimensionally unstable substrate. Siena Self-Leveling underlayments are for interior use only, and shall not be applied over any surface unless it has been primed with Siena 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: 951.737.7447, 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

## TECHNICAL DATA

Flow Time at 70°F (21°C)	10 minutes
Working Time at 70°F (21°C)	20 - 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 Strength (ASTM C 531)	28 Days > 0.043%
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## COVERAGE

SLU	
Thickness 1/8"	60 ft <sup>2</sup> (5.7 m <sup>2</sup> )
Thickness 1/4"	30 ft <sup>2</sup> (2.86 m <sup>2</sup> )
SL20	
Thickness 1/2"	15 ft <sup>2</sup> (1.4 m <sup>2</sup> )
Thickness 1-1/2"	5 ft <sup>2</sup> (0.5 m <sup>2</sup> )

*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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