



PACKAGING

20 lbs. (9.1 kg) Bags

STORAGE

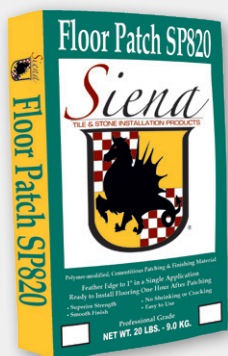
Store in a cool, dry location at a temperature between 40°F (4°C) and 90°F (32°C). Do not store in direct contact with the ground or concrete. Store out of direct sunlight and protect from weather and other damage.

DRYING & CURING

Allow freshly applied material to dry at least 24 hours before grouting or light foot traffic. Drying time may vary due to porosity of substrate and tile, 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.



Floor Patch SP820

A FAST SETTING, POLYMER-MODIFIED, CEMENTITIOUS PATCHING & FINISHING MATERIAL



Siena Floor Patch SP820 is a premium, fast setting, polymer-modified cementitious patching, skim coating, ramping, leveling and surface preparation material. It is designed to repair, fill and smooth surfaces from feather edge to 1" in a single application on horizontal interior substrates. It can be used to prepare surfaces for the installation of many types of flooring, such as: LVT, VCT, carpet, wood, tile, laminate and engineered flooring materials. Flooring may be installed within one hour of the application. Siena Floor Patch SP820 is specially formulated to be easily applied over substrates such as: cured concrete, cement backer board, exterior grade plywood (dry areas only), existing VCT or tile that is clean and securely bonded, dried cutback and non-water soluble adhesives. Siena Floor Patch SP820 is an excellent choice to cover nonstructural imperfections in concrete surfaces to produce a clean, uniform, smooth surface.

FEATURES	BENEFITS
Accelerated Setting	Apply Flooring Within One Hour
High Strength	Durable Surface, No Shrinking
Crack Resistant	Feather Edge to 1" in One Application
Single Component	Only Requires Water
Easy to Use	Excellent Workability, Water Clean Up
Smooth Surface	Sandable in Approximately 20 - 30 Minutes

BASIC USES

Siena Floor Patch SP820 is designed to repair, smooth, ramp and fill flooring surfaces from feather edge to 1" on horizontal interior substrates for surface preparation to install many types of flooring, such as: LVT, VCT, carpet, wood, tile, laminate, engineered flooring materials. Siena Floor Patch SP820 sets up quickly and can be sanded in under 30 minutes. Flooring may be installed within one hour of application.

RECOMMENDED SUBSTRATES

Siena Floor Patch SP820 may be applied over the following properly prepared substrates: concrete, cement backer board, exterior grade plywood (dry areas only), existing, well bonded VCT or tile and other approved porous substrates.

SURFACE PREPARATION

All surfaces to receive application must be structurally sound, clean and free of debris, dirt, dust, efflorescence, wax, grease, oils, curing agents, and cleaning solutions. If necessary, roughen smooth surfaces to ensure good mechanical adhesion of Siena Floor Patch SP820. Substrate temperature must be within 45°F (7.2°C) and 85°F (29.4°C). In hot areas it may be necessary to dampen all surfaces that are to receive the Siena Floor Patch SP820 with clean, potable water to cool down the substrate prior to application.

EXPANSION & CONTROL JOINTS

Never apply Siena Floor Patch SP820 over any expansion or control joint. For more information regarding this types of joints see TCNA (Tile Council of North America) Handbook and EJ-171.

MIXING

Mix by hand or use a mixer of less than 300 rpm to avoid entrapping too much air. Gradually add 10 lbs. of Siena Floor Patch SP820 to approximately 1/3 - 1/2 gallons (1.2 - 1.9L) of potable, clean, clear water while mixing. Water should be cool in temperature. Do Not Use Hot or Warm Water During Mixing. Mix the material thoroughly to a smooth consistency. Do not mix more material than can be applied in 10 - 15 minutes. During the application, occasionally stir the mixture to help maintain workability. Do Not Add Additional Water or Over Water. After 15 minutes, mixture will harden and will no longer be usable.



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APPLICATION

Apply Siena Floor Patch SP820 using a trowel with sufficient pressure at a 45° degree angle to fill any surface defects. Maximum thickness of a single coat should be approximately 1". If desired, after the first coat has sufficient strength, apply a second coat and trowel to desired appearance. Sand Siena Floor Patch SP820 once it has dried, normally within 30 minutes or less if needed

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LIMITATIONS

Depending on temperature and humidity a 3 to 4 hour drying time may be required when installing moisture sensitive floor coverings such as hard wood flooring. DO NOT Apply product if the area to be finished is larger than 4 sq ft (4m²) with a consistent 1" depression or greater over the entire area. Use of Siena Self Leveling Underlayment with primer is recommended. DO NOT Apply solid wood flooring without first removing all water soluble adhesive. DO NOT apply product when the ambient and surface temperature is below 40°F (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 apply Siena Floor Patch SP820 if there are contaminants on the receiving surface. Contaminates may include, but are not limited to dust, debris, efflorescence, wax, oils or curing agents. DO NOT use a paddle-type mixer that exceeds 300 RPM. DO NOT use as a wearing surface, must be covered by a finished flooring material such as: LVT, VCT, carpet, wood, tile, laminate, engineered flooring materials.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

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

TECHNICAL DATA

Working Time:	5 - 15 mins
Pot Life:	10 - 15 mins
Final Set:	25 - 35 mins
Compressive Strength	4 Hours: 1,500 psi
	1 Day: 3,000 psi
	7 Days: 4,500 psi
	28 Days: + 5,000 psi
Cure Time:	Foot Traffic After 1 Hour
VOC Content	0, Low Odor, No Toxicity

COVERAGE

Approximately 30 - 40 sq ft (2.8 - 3.7m²) at 1/8", approximately 200 - 600 sq ft (18.6 - 55.7m²) for skim coat. Coverage may vary due to job site conditions, ambient temperature, application thickness, surface temperature, surface porosity or application methods.

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.

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 and gloves are recommended.

WARNING

Siena and 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.