

PRODUCT

Description:	Tierrafino Stone is a water resistant lime plaster for the interior and exterior.
Composition:	Lime (Calciumhydroxide) and earth pigments, metal oxide pigment (Dover White and Ayers Rock).
Packaging:	12,5 kg bucket.
Consumption:	Approx. 5 kg/m ² at 5-6 mm thickness.
Storage advice:	Store dry and cool, but free from frost.
Workability:	Tierrafino Stone, when dry, can be kept for 3 years.
Colors:	8 standard colors can be mixed amongst each other to create new subtle shades: Dover white, Delphi white, Roman Ochre, Nassau orange, Djenné red, Ayers Rock, Iquitos green and Gomera grey. The palette of colors can be extended endlessly by mixing with Tierrafino Pigment. Due to the character of natural earth pigments used, slight variations in color may appear between batches of the same color. Check the batch numbers mentioned on labels on packaging. If you have several batch numbers, we advise to intermix these to avoid variations in color. (Example of a batch number: STL0325DO01).

AREA OF APPLICATION

Shiny lime plaster for sufficiently load bearing walls, floors and ceilings in the interior and exterior. Suitable for wet and dry rooms and decorative ornaments. Suitable for table tops when not used industrially.

Suitable for plastering at a thickness of 5-6 mm onto stable, rough, mineral substrates like lime-cement plasters, cement plasters and base clay plaster.

PROPERTIES

-  Tierrafino Stone is lime, it is classified as irritating to the skin, eyes and mucous membranes
- Professional/very experienced DIY
- Water resistant yet vapour permeable
- Apply with hand tools
- Hardened out after 3-4 months
- Difficult to repair
- Shows hairline cracks in almost all cases
- Maintenance only possible with pure olive oil soap (Tierrafino Soap)
- Only suitable for floors when walked on with bare feet or soft shoes
- Never use masking tape on fresh/old Tadelakt
- Do not apply where water will form puddles on or against Stone surfaces to avoid stains.

APPLICATION

Circumstances:	The air- and substrate temperature must be at least 5°C.
Substrate:	Load bearing, stable, continuously dry, absorbing, sufficiently rough to provide a mechanical key, free of dust and grease. Remove sealing coatings. Tierrafino Base is only a suitable substrate in dry areas. In wet

areas a waterproof substrate is necessary. Substrates may not warp/bend under any circumstances, to avoid structural cracks.

- Mixing:** Add 5 l water to 12,5 kg Stone (0,4 l/1 kg). Close the bucket and let rest for 2-15 days. Just before application: empty the contents of the bucket into a plasterer's tub or bucket. Add a small quantity of water and mix Stone to a homogeneous paste. If possible save some dry material for repairs in the future. Only use Pigment in combination with Stone Delphi White. Add a maximum of 10% Pigment when used in wet areas, with the exception of Pigment Ultramarine Blue, do not use this in wet areas. Add Ultramarine Blue to Stone just before application.
- Application:** The varying drying times due to various substrates, air humidity and temperature are conditions that make the application of Stone difficult. Pre moisten the substrate. Apply 5-6 mm Stone with a laying on trowel. After some setting, when the shine of water has disappeared from the surface, float the plaster with a wooden float to create the desired shape. When floating is done too early, the adhesion will be disturbed. Smoothen the surface with a plastic trowel to push the fine lime particles to the surface. Smoothen with time intervals, overworking will cause air bubbles which will disturb the adhesion and show larger cracks after drying. When only a very thin film of lime on the surface, the fat of the lime, is still workable, polish with a polishing stone. The polishing stone will distribute the lime, close the surface and create the design. Shine will appear when polishing with the stone is continued, however, polishing with a plastic trowel or a thin plastic bag shaped into a ball can enhance the shine considerably.
- Finishing:** After time, depending on the circumstances between 1 and 12 hours, mix Tierrafino Soap with water (1:50 parts), apply this mixture with a soft brush. Always start at the bottom of your object to avoid white marks that may remain visible indefinitely. Repeat until Stone is saturated (the surface will not absorb the mixture anymore). Gently wipe the surface dry with your hand or with a thin plastic bag shaped into a ball. Do not let the soap mixture dry by itself, always wipe it dry. Wait between 1 to 6 hours and apply a new mixture of Soap and water (1:25 parts) and polish the surface carefully with the stone. Use the Soap mixture as a thin film between the stone and the surface on which the stone will glide. Repeat to create a higher shine. Treat showers and baths minimally 7 times with Soap, with or without polishing with a stone.
- Maintenance:** Clean Stone only with pure olive oil soap (Tierrafino Soap) and water. The more the surface is treated with Soap, the more resistant it will be to water. Never let Soap dry by itself, always wipe it dry with your hand or a soft cloth.
- Drying time:** Under normal circumstances (+20°C and 60% relative air humidity), Stone is dry between 2-6 days. Hardened out after 4 months. Never accelerate drying of Stone. Use showers after 1 week, walk on floors after 4 weeks.
- Repairs:** Repairs of Stone are possible but will always remain visible. Apply Stone on the premoistened damaged part, avoid applying it onto the parts around it that are intact. Finish according to the instructions above.
- Thinner:** Water.

Safety advice:

Stone is irritating. Hazard symbol: Xi . Avoid contact with skin, eyes and mucous membranes. Keep away from children. Always wear gloves, safety goggles and dust mask. Rinse eyes well with water after contact. For further information consult the Stone Material Safety Data Sheet.

EXTRAS

Fully dried out Stone can be protected with Tierrafino Wax and other types of wax. Untreated surfaces are vulnerable to stains.

TOOLS

Safety goggles, dust mask, protective gloves, plasterer's tub, mixer, water spray, hawk, laying on trowel, wooden float, plastic trowel, polishing stone, soft brush, masking tape.

ASSISTING PRODUCTS

Tierrafino Soap, -Pigment, -Wax.



SUBSTRATE SHEET

SUBSTRATE	PREPARATION 1	PREPARATION 2	SUITABLE FOR BATHROOMS
Concrete, bricks and other building blocks	Level with a cement plaster suitable for the substrate with full surface reinforcement mesh and roughen to a 2-3 mm relief		X
12,5 mm Fermacell gypsum fibre boards	First layer: screw to construction and glue seams. Second layer: full surface glued and screwed onto the first. Overlap seams and glue seams.	Apply Ardex P51 + 10 mm Ardex A950, full surface reinforcement mesh and roughen to a 2-3 mm relief	X
Sheetrock, plaster-, wooden and unknown boards	Remove	Apply 12,5 mm Fermacell as written above	
Adobe bricks, clay boards	Level with min. 15 mm Tierrafino Base with full surface reinforcement mesh and roughen to a 2-3 mm relief		
Unknown- and loose plaster, paint rests	Remove until the substrate is clean	Detect substrate material and follow instructions as above	



DISCLAIMER

Although this product description has been put together with utmost precision, Tierrafino will not be liable for any indirect or direct damage that may occur, by using the information offered in this product description.