

### PRODUCT

### TIERRACOL

Description:	Tierrafino TierraCol is a clay primer, base layer and adhesive mortar made from clay-earth for walls and ceilings in the interior.
Composition:	Sand, clays and natural binder.
Packaging:	5kg bag, 20kg bag, 1000kg big bag.
Coverage:	Approximately 2.5 kg / m <sup>2</sup> for a layer thickness of 2mm on a level and smooth substrate. Coverage will be less on a rough substrate.
Storage advice:	Store in a dry place.
Storage time:	In a dry state TierraCol can be stored for a minimum of 5 years.
Colour:	TierraCol clay primer has a brown colour.

### AREA OF APPLICATION

Tierrafino TierraCol is developed for the elimination of absorption differences between plasterboard and the filler used to fill the seams. It can then be covered with 2-3mm clay finish such as Tierrafino Duro or Finish, leaving a surface where the seams are invisible in raking light.

TierraCol is a clay primer for interior use and serves as a:

- Clay-primer for a 2-3mm clay-plaster finish on plaster, plasterboard and similar substrates.
- Base layer for max. 15mm clay-earth plaster Tierrafino Base on an absorbent substrate.
- Adhesive mortar for the placing of clay-plaster boards, wood fibre insulation panels, or Multipor insulation blocks on sufficiently weight bearing constructions.

### PROPERTIES

- Do-it-yourself / Professional
- Strong adhesion
- Hard after drying
- Manual application
- Vapour permeable
- Humidity regulating
- Anti-static
- Waste can be disposed of in the garden.

### APPLICATION

Circumstances:	The air and substrate temperature should be at least +5 C.
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### APPLICATION

- Substrate:** Load bearing, continuously dry, absorbing, and sufficiently rough to provide a mechanical key, free of dust and grease. Remove wallpaper and flaking paint.
- Very smooth substrates should be roughened, for example with sandpaper grade 40. Highly absorbent substrates should be pre-moistened with a little water, letting it soak in before application in order to prolong the workability and enhance adhesion.
- Mixing:** Add 3 kg of TierraCol to 1 L of water and mix till a smooth paste is achieved. Wait 20 minutes and then mix again thoroughly. Once mixed with water, TierraCol must be used within 3 days. Mixed TierraCol should be covered while storing.
- Application:** *General*  
To prevent the forming of rust when working with plaster profiles use stainless steel profiles.
- Extreme absorption differences on a wall/object between different substrates may not be eliminated by TierraCol. First apply a strong primer to eliminate these differences before applying TierraCol.
- If in doubt about the behaviour of the substrate work a mazed reinforcement mesh into the whole TierraCol surface.
- Special Applications:** *As clay primer for a thin clay-plaster finish on plasterboard.*  
The seams between the plasterboards need to be covered with joint tape and filled with appropriate filler before applying Tierrafino TierraCol. Let the filler dry for one day per millimetre. Apply 2 to 3 mm of TierraCol and smooth with a spatula/float. After some stiffening, float with a sponge to fill small holes and level out any unevenness. Let dry.
- Base layer for clay-earth plaster.*  
Apply 2 to 3 mm Tierrafino TierraCol and roughen with a plasterer's comb. Let dry.
- As adhesion mortar (between two different materials).*  
Depending on what is being bonded, TierraCol can be mixed with less water to obtain a firmer consistency. Apply TierraCol to both sides which need to bond and press together. Consult the product description of the parts which are being bonded to see if fastening materials such as screws are needed.
- As finish*  
TierraCol can also be applied as extra hard clay-plaster finish. Mix as described above and apply as shown in the application film of Tierrafino DURO on [www.tierrafino.com](http://www.tierrafino.com) and as described on the Product sheet.

- Drying time:** Under normal circumstances (+20 C and 60% relative humidity) Tierrafino TierraCol is dry after between 6 hours and 3 days. Do not accelerate the drying process so that the binding agent has enough time to harden. But do not leave TierraCol humid for too long, it must be dry within 3 days.
- Repairs:** Moisten the area that needs repairing until it is somewhat softer. Fill the damaged area with TierraCol and work to create the same structure and finish as the rest of the surface.
- Thinner:** Water.
- Safety Advice:** Avoid contact with eyes and mucous membranes. With increased risk (ceilings) safety goggles should be worn. For more information consult the TierraCol safety information sheet.

### EXTRA'S

Can be mixed with maximum of 4% Tierrafino Pigment.  
Mix with Tierrafino Effects like mother of pearl, straw and various sands for special effects. Add a maximum of 1% straw and/or 10% of other effects to TierraCol.  
TierraCol can also be added to Tierrafino Base to make the base clay-earth plaster harder.

### TOOLS

Protective goggles and gloves, plasterer's tub, mixer, hawk, metal float, spatula, sponge and masking tape. When using a spraying machine it is necessary to give 20 minutes soak time before spraying the TierraCol.

### DISCLAIMER

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