

PRODUCT

Description:	Tierrafino Clay Boards are panels for walls and ceilings in the interior, to be plastered with clay- or lime plaster.
Composition:	Sand, clay, straw and fiber glass mesh.
Packaging:	Per piece. On Pallets: <ul style="list-style-type: none"> ● 16 mm thick; Weight: 15 kg/piece; 60 per pallet; 37,5 m² ● 22 mm thick; Weight: 19 kg/piece; 40 per pallet; 25 m²
Consumption:	Measurements per board: 100 x 62,5 x 1,6 cm and 100 x 62,5 x 2,2 cm. Amount per m ² : 1,6 clay boards.
Storage advice:	Store dry.
Workability:	When stored dry, Tierrafino clay boards can be kept indefinitely.

AREA OF APPLICATION

Wall panels for application on beams, battens, wood boards, brick walls, metal studs and other load bearing constructions. Do not apply where there is a chance of direct contact with water. Only applicable in the exterior where protected from direct contact with water.

Suitable for walls, horizontal- and diagonal ceilings.

- 16 mm clay boards for walls and ceilings
- 22 mm clay boards for walls

PROPERTIES

- DIY/Professional
- Easy to cut to size, apply and finish
- Installing 16 mm or 22 mm of clay without drying time
- Water vapour permeable
- Humidity regulating
- Anti-static
- Good acoustic properties

APPLICATION

Circumstances:	No specific requirements.
Substrates:	Load bearing, continuously dry.
Application:	Installing clay boards is similar to applying other types of panels. Clay boards can be fixed to beams, battens, wood boards, brick walls, metal studs and other bearing constructions. Clay boards are installed in a bond. Seams between boards must jump from the seams in the next row by at least 25 cm. Clay boards are cut to size using stone mason's- or carpenter's tools. Breaking the boards is done by cutting in on both sides and then breaking them on the edge of a table. Install boards with the smooth side to the wall, leaving the rougher side with a good mechanical key to plaster onto.

Walls: Install on sufficiently load bearing constructions. The distance between beams, battens or metal stud must be max. 31,25 cm. Use 5 x 50 mm screws. Use a minimum of 9 screws per clay board. Use stainless steel screws and rings in humid areas.

Ceilings: Only use 16 mm clay boards for ceilings. Install on sufficiently load bearing constructions. Install battens with one (1) batten space in between each pair. Use 5 x 50 mm screws. Use rings of min. 15 mm diameter when applying clay boards to horizontal- and diagonal ceilings. Use stainless steel screws and rings in humid areas. Apply boards with 3 screws onto each batten. As an extra security, clay boards can be screwed and glued to flat ceilings, use construction glue or a fine clay plaster. Apply the glue/clay plaster (consult the Tierrafino Base product sheet) and distribute with a tile adhesive comb (depending on the substrate 2-8 mm thickness). Press the clay board into the glue/clay plaster and apply screws as mentioned above.

FINISHING

Plastering of the clay boards may be done immediately after installing the boards. Always cover seams with a suitable mesh of at least 10 cm wide. Use Tierrafino Base to stick the mesh to the boards. Now moisten the boards and apply at least 10 mm of Tierrafino Base to the whole surface (consult the Tierrafino Base product sheet). When in doubt, apply a reinforcement mesh on all of the surface. After drying, more Base can be applied or it can be decorated with a clay plaster or -paint.

SAFETY ADVICE

Avoid contact with eyes and mucous membranes. With induced risk (ceilings) wear safety goggles.

TOOLS

Safety goggles, protective gloves, drilling- and screwing tools, Stanley-knife, stone mason's-/carpenter's tools.

HULPPRODUCTEN

Tierrafino Base base clay plaster, jute mesh.

TECHNICAL DATA

Ingredients	Sand, clay, straw and fibre glass mesh
Thermal conductivity	0,44 W/mk
Mass	1440 kg/m ³
Thermal capacity	1 kJ/kgK
Damp diffusion resistance	5 - 10
Length deviation	+/- 5 mm
Thickness deviation	+/- 2 mm
Construction class	A2 (non flammable) according to DIN 4102 Part 4

Tierrafino CLAY BOARDS PRODUCT SHEET

Date: 06/2014



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.