

A photograph showing the installation of Clayboard D25 in a corner. The board is a reddish-brown, textured material. It is being secured to a wooden substructure with screws. The corner is formed by two walls and a floor made of light-colored wood planks. The board is being applied to the vertical surfaces of the corner.

CLAYTEC®

Clayboard D25

Areas of Application	Infill Construction in accordance with CLAYTEC Materials & Workmanship Data Sheet 5.2 Clay building board in accordance with CLAYTEC Materials & Workmanship Data Sheet 5.2 Dry lining board for internal use. Suitable as internal lining for walls, ceilings, and sloping roofs, Suitable for use on either timber or metal studwork. Ideal substrate for clay finishing plasters.
Composition	Clays, silt, and sand, organic and mineral lightweight additives, plant fibres, Straw, Hemp, reed, Jute mesh.
Density	Density approx. 700 kg/m ³
Size and Weight	Length = 1500 mm, Width = 625 mm, Thickness = approx. 25 mm Weight approx. 16.4 kg/board = approx. 17.5 kg/m ²
Supply	Shrinkwrapped; 60 boards per pallet
Storage	Protect from rain and damp. Indefinite shelf life if stored in dry conditions.
Coverage	Approx. 1.1 boards/m ² area When calculating material usage it is advisable to include for 10% cutting wastage.
Substrate	Wall supports: 500 mm centres (= 1500 mm / 3) Ceiling supports: 375 mm centres (= 1500 mm / 4) Pitched roof supports: 375 mm centres (= 1500 mm / 4) The boards are mounted perpendicular to the supporting structure. In the event of the boards being mounted parallel to the substrate (e.g. between exposed flooring beams) supports should be spaced at 312.5 mm centres (= 625 mm / 2). We strongly advise against fixing directly to structural timbers (e.g. rafters, floor joists) since movement in the structure may affect the finish.
Application & Fixing	The boards are mounted onto the substrate and butt jointed . They can be cut using either a Jig-saw, hand-held circular saw with fine-toothed diamond tipped blade, or using an oscillating cutting machine (i.e. FEIN-MultiMaster). Boards are mechanically fixed with either 5 mm galvansied Screws (i.e CLAYFIX Screws) or with woodwool fixings. 15 mm zinc-plated retaining discs (c-discs) must be used on all ceiling and pitched roof applications. Fixings should be located at least 5mm from the edge of the board.
Finishing	Clayboards can be finished immediately after fixing. Board joints are reinforced with CLAYTEC jute reinforcement tape or, alternatively, with CLAYTEC fibreglass jointing tape. Allow approx. 2.2–3.0 linear metres reinforcement tape per m ² wall area. The tape is applied and fixed in place either by brushing over with a dilute mix of CLAYTEC Fine-Finish Plaster, or by embedding into a bed of Fine-Finish mortar. When undertaking the latter, it is important to apply and finish the mortar bed as thinly as possible since each additional millimetre will lead to an unnecessary increase in the thickness of the finishing plaster in order to sufficiently cover the joint. For the same reason, butt tape runs, do not overlap. The reason for the reinforcement tape is to enable the plaster finish to bridge the board joints. Movement in the substrate cannot be compensated for by the reinforcing tape. The boards are generally covered with a two coat application of CLAYTEC Fine-Finish Plaster. Note that a decorative coloured clay plaster finish such as CLAYTEC Japan Plaster, or CLAYFIX Plasters should always be applied onto a thin base coat of CLAYTEC Fine-Finish Plaster. Particularly with decorative finishes, it is imperative that the reinforcement tape, or reinforcement mesh is applied with care in order to prevent cracking.
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