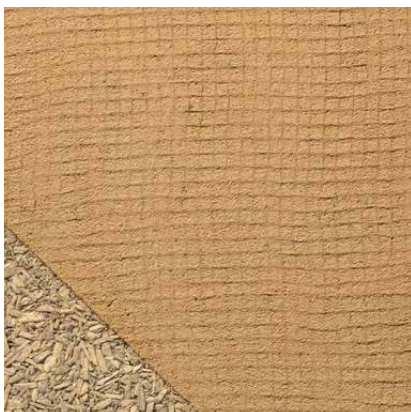


## Clay adhesive and reinforcing mortar 13.555



- Strongly adhesive and pressure-resistant
- Supple
- It can be worked for a long time after application



Clay adhesive and reinforcing mortar for reinforcement layers on clayboards as well as wood fibre topboards and interior insulation panels. Clay adhesive and reinforcement mortar consists of clay and cellulose components. This guarantees the best working even with thin application. With a novel high compressive strength of 3.9 MPa for clay mortar as well as an adhesive strength of 0.85 MPa, clay adhesive and reinforcing mortar can ensure the strength of the entire construction. It provides a substrate for Claytec fine clay topcoat plasters and YOSIMA. With good preparation it can also be applied using the CLAYFIX clay coating material system.

For technical consulting service teams  
and sales see [www.claytec.de](http://www.claytec.de)  
Product data and application  
see reverse

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# Clay adhesive and reinforcing mortar

## 13.555

**Application** Adhesive and bonding mortar as a dry, fine-grained ready mix for adhering light building and interior insulation boards on various substrates, as reinforcement mortar on clayboards, clay hempboards, wood fibre insulation and wood fibre finishing boards as well as mineral foam boards.

**Composition** Sand up to 1.0 mm, clay and loam, talc, perlite, plant fibres and cellulose.

**Material parameters** Compressive strength 3.9 N/mm<sup>2</sup>. Adhesive strength 0.85 N/mm<sup>2</sup>.

**Supply form, coverage** 25 kg bags (yields 17 l plaster for 5 m<sup>2</sup>), 48 bags/pallet.

**Storage** Storage Store dry. Dry wares have an indefinite shelf life.

**Mortar preparation** The 25 kg dry matter is gradually stirred with a drill (≥ 800 Watt) or agitator and agitator paddle (Ø 125 mm) in 8-9 l clean water. The addition of water is slightly lower for bonding mortar. Processing consistency pasty according to the desired application with notched trowel or spatula.

Work through thoroughly again after 30 minutes of rest. The mortar is now ready for processing.

**Rendering base** The substrate must be stable, frost-free, dry, clean, free of salt, sufficiently rough and absorbent. Levelling layers of clay plaster mortar must be completely dry.

The surface must be as level as necessary for the bonding described below. Slight uneven spots (smaller single points up to 5 cm diameter and 3 mm depth) can be pre-filled with the adhesive. Larger imperfections must be sealed with a suitable mortar and allowed to dry.

**Processing** For adhesions to level masonry and plaster surfaces as well as wood-based boards, the adhesive is applied to the rear side of the boards to be adhered with a notched trowel or spatula (8-10 mm notch). In this case, a thin layer of adhesive should be applied over the entire surface, i.e. also in the area of the grooves. The board is immediately applied and pressed firmly onto the substrate, contact must be ensured over the entire surface.

Uneven masonry and plaster surfaces are pre-wet slightly and coarsely pre-filled. The boards coated on the rear side (see above) are pressed in wet.

For boards requiring additional mechanical fastening, e.g. on sloping ceiling and roof surfaces, see corresponding board product sheets or work sheets.

As an adhesive filling for thick layer plaster on insulating boards (e.g. for wall surface heating) and similar applications, the slightly stiffer mortar is applied in the same way using notched trowel or spatula.

For reinforcement layers, 3 mm thick is applied. It can also be sprayed on using a plastering machine; rest periods are not necessary for this application. Reinforcement fabric is worked flatly into the surface of the layer that is still wet.

**Hardening** The hardening time is 24-72 hours, depending on the possibility of drying and absorbency of the substrate. Work can continue immediately in the case of additional mechanical board attachment and subsequent thin layer coating.

**Test application** The suitability of the substrate and application thickness must always be checked by means of a sufficiently large work sample.

Claims for reclamation that do not result from factory mixing errors are excluded.