

Technical datasheet

## WEM Clay adhesive

# Clay-based adhesive and reinforcing mortar

Art. 20261

Area of application	Machine or hand plaster for interior use. Adhesive and reinforcing mortar for bonding wood fibre insulation boards and clayboards with additional mechanical fixing. As a levelling reinforcing mortar for all clay substrates, also in combination with a reinforcing mesh.
Composition	Clay, sand, loam, plant starch, mineral fillers, cellulose
Storage	Shelf life at least 2 years when stored dry and frost-free.
Delivery form	25 kg of clay adhesive yields approx. 17 litres of plaster mortar. With 3 mm plaster application, this quantity is sufficient for approx. 5 - 6 m <sup>2</sup> of plaster surface. (1.0 - 1.5 kg/m <sup>2</sup> per mm layer thickness depending on application)
Underground	The substrate must be level, load-bearing, frost-free, clean and free of salt and other separating agents. Levelling layers of clay plaster must be completely dry. For unstable substrates, we recommend priming with WEM Primer - granular.
Processing	Add approx. 5.0 - 6.0 litres of water per 25 kg bag. The specified amount of water must be adapted by the applicator to the substrate and the method of application. Apply clay adhesive (KAM) with a trowel, notched trowel or plastering machine. The maximum plaster thickness is 5 mm per layer, but generally 3 mm. When used as an adhesive mortar, apply to the entire surface of the insulation boards using a notched trowel. If necessary, use the buttering-floating method. Depending on the insulation board, additional mechanical fastening is absolutely necessary. Mechanical fixing is absolutely essential when bonding clayboards. As a reinforcing mortar, apply the mortar first, lightly press in the surface fabric and apply an additional layer of mortar on top.

The mesh pattern must not be visible. The surface texture can be designed differently depending on the time of processing. Generally, the structure is finer the later the plaster mortar is rubbed or sponged. Smooth surfaces are achieved by finishing with a trowel.

**Duration and drying time**

The mixed material can be used covered for several days. However, water may need to be added again. The drying time of the clay adhesive depends on the absorbency of the substrate and the drying conditions. It can be approx. 1-4 days depending on the type of drying and the substrate.

**Further coating**

A coat of paint or another coating may only be applied after complete drying. Diffusible materials that support the positive properties of the clay mortar are suitable for coating.

**Important Notes**

Do not use on sun-heated surfaces or in direct sunlight. Clean tools with water. Please ensure the correct selection of suitable plaster profiles. Use on the respective substrate must be determined by carrying out a sufficient test. First and foremost, the adhesive strength must be checked. Subsequent complaints due to improper use are excluded.