Product sheet

Clay thin-bed mortar

Art. 10.150

- **for non-load-bearing partitions**
- **for flat bricks, KS and aerated concrete flat blocks**

ClayTec clay thin-bed mortar is an ecological adhesive for all types of masonry made of sufficiently flat stones. Its excellent environmental properties distinguish it from products made from burned binders and various chemical additives.

ClayTec clay thin-bed mortar is water-soluble. Bricks and sand-lime bricks can be dismantled and reused at the end of the building's service life. The environmental performance of these proven and high-performance solid building materials is completely redefined. ClayTec offers sophisticated system solutions for the water-soluble plaster required.

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Product data and application see reverse

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Application Thin-bed mortar as a dry ready-mix for bonding sufficiently flat bricks and plan blocks for non-load-bearing interior masonry without fire protection requirements.

Composition Sand up to 1.0 mm, clay, talcum, perlite, plant fibers, and cellulose.

Building material values Flexural strength 2.0 N/mm². Compressive strength 3.0 N/mm². Adhesive strength 0.45 N/mm². Bulk density approx. 1,450 kg/m³.

Yield One 25 kg bag yields approximately 17 liters of mortar for about 18 m². Masonry bonded in stock joints from 4 or 8 DF blocks, wall thickness 11.5 cm, or for approximately 12 m² masonry bonded in stock joints from 12 DF blocks, wall thickness 17.5 cm.

Storage Proper dry storage indefinitely possible.

Mortar preparation The 25 kg dry mass is gradually mixed with 8.5-9.0 liters of clean water using a suitable mixer. Processing consistency should be pasty for application using a thin-bed mortar sled, mortar roll, or application roller. After 30 minutes of maturation, mix thoroughly again. The mortar is now ready for application.

Processing The stones of the masonry must be dry, dust-free, clean, frost-free, and sufficiently absorbent. Do not process the mortar at temperatures < 5°C. At high temperatures, the mortar may set unusually quickly. Thin-bed mortar is applied without voids to the bearing surfaces of the plan blocks in approximately 2 mm thickness, the following layer is immediately set into the freshly plastic mortar layer.

Hardening The hardening time depends on the absorbency of the masonry stones and the climatic conditions; during the drying time, the masonry must not be exposed to frost. The masonry must be protected from moisture during and after drying.

Claims for compensation that do not result from factory mixing errors are excluded. Subject to change and errors excepted. As of 2024/2.