

Clay topcoat fine 06

Item No. 05.113, 10.113

DIN 18947

- The new fine clay plaster
- Finest grains and fibres
- Simple and quick to apply



Example with ClayFix clay coating system.



Clay topcoat fine 06 has all the advantages of clay mortars that are reinforced with long fibers. It is easy to prepare and very easy to apply without fiber concentrations in the mixer and during application. The clay topcoat fine 06 is very pasty and smooth. Its fine grain gradation up to 0.6 mm makes it easy to drag out the material very thin and work out the surface very fine. Clay topcoat fine 06 is a mortar for thin plasters 2-3 mm thick. Available also in 800 kg big-bag with large reach.

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Clay plaster mortar – DIN 18947 – LPM 0/1 f – S II – 1.8

Clay type plaster Clay plaster mortar. Dry.

Application Single-layer topcoat plaster for interior use. For manual or machine application on ClayTec clay basecoat plaster, clay building boards and other sufficiently flat surfaces made of suitable building materials.

Composition Natural construction clay, mixed-grain washed sand 0 – 0.6 mm, fine fibres.
Grain group, oversize grain according to DIN 0/1, <2 mm. Fibres: Cellulose fibres.

Country of origin Germany

Material parameters Drying shrinkage 4.0 %. Strength class S II. Bending tensile strength 0.9 N/mm². Compressive strength 2.0 N/mm². Adhesive strength 0.10 N/mm². Abrasion 0.4 g. Bulk density class 1.8. Thermal conductivity 0.91 W/m·K. μ -value 5/10. Building material class AI. Water vapor adsorption class WS III. Microbial quality class MBK1b (dry).

Supply form, coverage

Dry 05.113 in 0.8 T big-bags (yields 544 l plaster for 182 m² D = 3 mm. Approx. 1.47 kg/m² per mm plaster thickness).
Dry 10.113 in 25 kg bags (yields 17 l plaster for 5.7 m² D = 3 mm. Approx. 1.47 kg/m² per mm plaster thickness.), 48 bags/pallet

Storage Can be stored dry for an indefinite period.

Mortar preparation Add approx. 20–23% water (5–6 l per 25 kg bag) with a motor agitator or by hand. Rotary drum, pan and trough mixers can also be used for mixing large quantities. Information on the use of plastering machines available at www.claytec.com.

Plaster base Clay plasters only adhere mechanically. The substrate must be stable, frost-free, dry, clean, free of salt, sufficiently rough and absorbent. If required, YELLOW (ClayTec 13.425–420) is suitable as a primer for fine clay plasters. The clay basecoat plaster must be completely dry. Pre-wetting (spray mist) of the substrate is recommended to extend the working time.

Plaster application Apply the plaster with a trowel or spray with a plastering machine. Minimum and maximum application thickness 2 and 3 mm. The surface structure depends on the time of application and the tool used. Basically, the more the plaster mortar has the more the plaster mortar has stiffened at the time of surface treatment, the finer the structure. Rubbed surfaces are produced using a sponge, plastic or wood sanding board. Smooth surfaces are achieved by post-treatment with the trowel.

Working time Since no chemical setting process takes place, the material can be processed over several days if kept covered. It can remain in plaster machines and hoses for just as long.

Further processing Further plastering, e.g. with YOSIMA clay designer plaster, is carried out after the previous layer has dried completely, at the earliest after possible shrinkage cracking has been completed.

Due to the varying properties of the natural raw materials, no color consistency can be guaranteed. Clay topcoat fine 06 is generally coated with a paint finish, also to strengthen the surface. This is done with ClayTec clay paint 'ready to use' (ClayTec 13.005) or with the ClayFix clay coating system.

Test application Suitability of the surface, application thickness and surface effect should always be tested on a sufficiently large sample area.

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

Subject to change and errors excepted. As of 2026/4.