

Coarse, light-coloured clay topcoat plaster

Item No. 05.015, 05.215, 05.016,
10.115

- Can be applied directly to masonry
- Simply brush on
- Also suitable as finish
- Easy to repair



One-coat topcoat plaster with straw for indoor use. On suitable masonry, other solid building materials and CLAYTEC clay undercoat plaster. The thickness of application is 6 mm, or max. 10 mm. The product is manufactured from a particularly light-coloured clay. If desired, you can leave coarse, light-coloured clay topcoat plaster as a finished surface in itself.

We are happy to advise you on this. Otherwise, if necessary only a finishing coat is required. Because of the light colouration, repairs are particularly easy to carry out. The plaster is painted with CLAYFIX clay paints.

Earth-moistened mortar is particularly resource-friendly. The dry mortar keeps indefinitely and can also be used with plastering machines.

For technical consulting service teams
and sales see www.claytec.de/en
Product data and application
see reverse

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Type of clay plaster mortar Clay plaster mortar for use as plastering mortar. Earth-moistened, 05.015 and 05.215. Dry 05.016 and 10.115.

Applications One-coat topcoat plaster for indoor use. Manual or machine plastering. On suitable masonry, other solid building materials and CLAYTEC clay undercoat plaster.

Composition Mixed-grain washed sand 0-2 mm, clay, barley straw fibres up to 10 mm, cellulose, methyl cellulose <0.1%.

Country of origin Germany

Material properties Characteristic values currently established by DIN 18947 test procedure.

Supply form, coverage Earth-moist 05.015 in 1.0 t Big Bags (yields 600 l plaster mortar, 100 m² area at thickness = 0.6 cm)

Earth-moist 05.215 in 0.5 t big-bags (yields 300 l plaster mortar, 50 m² area at thickness = 0.6 cm)

Dry 05.016 in 1.0 t big-bags (yields 600 l plaster mortar, 100 m² area at thickness D= 0.6 cm)

Dry 10.115 in 25 kg bags (yields 15.0 l plaster mortar, 2.5 m² area at thickness = 0.6 cm), 48 bags/pallet

Storage Protect against dehydration or humidification by weather. Store in a dry place. After delivery, which takes place at short notice after production, light-coloured clay topcoat plaster must be processed depending on the weather within 2-4 weeks. In dry form, the product may be stored indefinitely. **In winter, earth-moist goods must be stored so they are protected from freezing, otherwise workability during frost is impaired.**

Mortar preparation With the addition of approx. 25% water using commonly available rotary drums, turbomixers and pug mill mixers. In small quantities may also be mixed with a power agitator or by hand. Information on the use of plaster machines can be found at www.claytec.de.

Plaster base Clay plasters adhere only by mechanical force. The substrate must be stable, frost-free, dry, clean, free of salt, sufficiently rough and absorbent. If a primer is necessary, CLAYTEC RED (13.435-.430) is suitable. Clay undercoat plaster must be completely dry. If necessary, the substrate may be moistened first (with a spray) to bind surface dust.

Application method The mortar may be applied with a trowel or sprayed on with a plastering machine. The application thickness is approx. 6 mm. Layers can be applied up to a max. thickness of 10 mm; a thin topcoat may be needed if shrinkage cracks appear. The surface structure depends on the time of application and the tool used. In principle, the more the plaster mortar has set by the time the surface is worked, the finer the structure will be. Rubbed surfaces are created using a sanding board of sponge, plastic or wood. Smooth surfaces are achieved by post-treatment with a spreader.

Workable period After mixing, material can be used for 48 hours if kept covered. It can be kept in plaster machines and hoses for the same length of time.

Drying After application, it is essential to ensure that drying takes place rapidly, e.g. by means of cross-ventilation (all windows and doors kept open 24 hours a day) or drying equipment. Under critical conditions, drying must be documented in accordance with DIN 18550-2. Details can be found there or in the CLAYTEC 'Clay plasters worksheet'. We are happy to provide extra information.

Microbiological background concentration: Product with plant fibres, dry or earth-moistened. For more details, visit www.claytec.de/produkte/downloads, 'Artikel Wohnung + Gesundheit'. We would like to point out that compliance with certain values cannot be guaranteed.

Subsequent processing Sweep off loose materials before application. CLAYFIX Clay paint 'ready-to-use' or dry can be applied without a primer, 2 coats are normally needed.

Note Coarse, light-coloured clay topcoat plaster is a plaster mortar for surfaces with a final covering coat. The amount of abrasion corresponds to the requirements of this application method. We cannot provide any guarantee for the colour continuity and homogeneity of the mortar. It is possible that colour may change in the course of drying.

It is possible to apply the plaster without a final covering coat, subject to the restrictions described above. We are happy to provide extra information about this.

Sample application In all cases, the suitability of the primer and thickness of application must be tested by means of a sample application of sufficient area. Compensation claims, unless they result from factory mixing errors, are excluded.

For further information, see the 'Clay plasters worksheet'.

*Better classification is possible subject to fire protection tests (Lehmbau Regeln DVL 2009, p. 97).