
CLAY PLASTER

EMBARRO UNIVERSAL



Product Information: EMB01

PROPERTIES /COMPOSITION

Clay plaster EMBARRO UNIVERSAL is a ready-mix preparation suitable for machine processing made of crushed clay-rich earth, mixed-grade sand 0-2 mm and barley straw < 30 mm. It conforms to the German regulations DVL LR 3.9. Density = approx. 1600 kg/m³.

SUPPLY FORM

Packaged in 1Ton Big Bags

STORAGE

Store dry. If kept dry clay undercoat plaster can be stored indefinitely.

COVERAGE

25 kg clay undercoat plaster produces approx. 17 l wet plaster. This will cover approx. 1.7 m² at a thickness of 1 cm

APPLICATION

A single-layer or multi-layer plaster for indoor use. Can be applied by hand or with a suitable machine. Suitable for leveling uneven surfaces and as undercoat plaster for light-clay panels, reed matting, masonry, etc.

Can be also used as a smooth finishing coat or as a base for vapor permeable paints, such as clay, casein or silicate, etc.

For machine application, mix with approx. 20% water using a normal paddle mixer or tumbler-mixer or use with enclosed plastering machine systems (e.g. G4 & G5 mixing pumps). Small quantities can be mixed by hand or with a hand-held motorized paddle mixer.

SUBSTRATE

The substrate should be stable, clean, free of oily films and sufficiently roughened to provide a good key as clay plaster bonds only mechanically. Old clay plaster surfaces must be pre-wetted, other substrates need only be pre-wetted to prolong the workability of the material. EMBARRO UNIVERSAL is applied either with a trowel or sprayed on with a plastering machine. A single layer of up to 30 mm thickness is possible. Multiple layers are possible, e.g. interleaved with reinforcement mesh and scrim. Plaster bases such as reed matting must be dry. Old coats of paint must be removed completely.

WORKING & DRYING TIME

Once mixed, wet plaster can be used for several days if kept under cover. Additional water may need to be added. As clay plasters contain organic material and are applied wet, poor ventilation can lead to slight mold formation. If this persists artificial forced drying should be considered. Once fully dry the plaster is not susceptible to mold growth.

ADVICE

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications. You will find the latest product information at www.EMBARRO.com or directly at EMBARRO.

