

Primer

- **Coarse grain**
- **As a substrate for coarse clay plaster**



- **Fine grain**
- **As a substrate for fine clay plasters**



- **Smooth**
- **As a substrate for clay surfacer and clay paintings**



Deep penetrating primer and stabiliser Item No. 13.405, 13.400: Before application of clay plaster mortar or the bonding of dry plaster boards and interior insulation boards for strengthening sandy lime and cement plaster substrates.

Primer RED Item No. 13.435, 13.430: Liquid primer with coarse grain size before the application of coarse clay plaster mortars. RED provides grip and plaster adhesion on smooth and/or poorly absorbent substrates such as high-insulation bricks, KS elements, concrete, lime and gypsum plasters, old dispersion coatings (solid but porous), old synthetic resin plasters and others.

Primer YELLOW Item No. 13.425, 13.420: Liquid primer with fine grains for application underneath fine clay topcoat plaster and YOSIMA clay design plaster. YELLOW provides fine-grained grip, reduces and equalizes the absorbency and protects plaster-board and other panelling against moisture from the clay plaster application.

Primer WHITE Item No. 13.415, 13.410, 13.412: Liquid primer without granulation prior to application of ClayFix clay colour and YOSIMA clay surfacer. Substrates may be clay plasters or others as needed. WHITE ensures that the clay plaster is not dissolved and mixed with the paint. A firm basis is created for later repeat coats.

Primers

Item. No. 13.405, 13.400 Deep penetrating primer and stabiliser

Item. No. 13.435, 13.430 Primer RED

Item. No. 13.425, 13.420 Primer YELLOW

Item. No. 13.415, 13.410, 13.412 Primer WHITE

Composition Deep penetrating primer and stabiliser: Water, potassium water glass, dispersion, additives < 1%.

Primers: water, calcium carbonat, water glass, clay, dispersion < 5 % (improvement of adhesion properties and application safety), titanium dioxide (in Primer WHITE) methyl cellulose, xanthan. Granulation RED 0 - 1.8 mm, YELLOW 0 - 1 mm, WHITE is without granulation.

Supply forms, coverage

Deep penetrating primer and stabiliser: Item No. 13.405 10 l can, 60 cans/pallet, liquid, for approx. 50 m².
Item No. 13.400 1 l bottle, 6 bottles/pallet, liquid, for approx. 5 m².

RED: Item No.13.435 10 l bucket, 30 buckets/pallet, liquid, for approx. 30 m².
Item No. 13.430 5 l bucket, 56 buckets/pallet, liquid, for approx. 15 m².

YELLOW: Item No. 13.425 10 l bucket, 24 buckets/pallet, liquid, for approx. 50 m².
Item No. 13.420 5 l bucket, 56 buckets/pallet, liquid, for approx. 25 m².

WHITE: Item No. 13.415 10 l bucket, 30 buckets/pallet, liquid, for approx. 100 m².
Item No. 13.410 5 l bucket, 56 buckets/pallet, liquid, for approx. 50 m².
Item No. 13.412 1 l bucket, liquid, for approx. 12 m².

Storage Storage in closed containers is possible dry and cool (frost-free!) for a maximum of one year. Tightly close opened containers again.

Preparation As a rule, agitate undiluted thoroughly. Water addition of up to 25 % is possible when strengthening clay plaster surfaces with deep penetrating primer and stabiliser. For primers always up to 5 %. Stir thoroughly. Stirring rods, e.g. Collomix paddle LX 90 S (art. no. 40950-000) or Pajarito paddle with two mixing plates 10 × 50 cm (art. no. 89429) and a sufficiently powerful drill/screwdriver are particularly suitable for RED (possibly also for YELLOW). Towards the end of the permissible storage time, build-up on the bottom of the bucket cannot be ruled out; this can be removed with the mixing paddle.

Substrate Deep penetrating primer and stabiliser: Remove loose particles from the substrate. Brush off easily detachable sand grain. Substrate temperature 5 - 25 °C.

Primers: The substrate must be stable, firm and clean. Substrate temperature 5 - 25 °C. Remove old, poorly adhering coatings, wash off water-soluble coatings. Brush off sandy plasters and wash. Prepare heavily sanding substrates with ClayTec deep penetrating primer and stabiliser. Fresh gypsum plaster, lime or cement plasters must be at least 10 days old and dry. Pronounced alkaline substrates such as fresh concrete surfaces with sintered skin must be professionally fluorinated (neutralised) and formwork oil residues washed off. ClayTec primers have no strengthening or blocking effect.

Processing Application is done with a short pile roller or with a brush. If deep penetration into the substrate is required, several coats of wet-on-wet are recommended. The RED and YELLOW must be stirred as required during application to ensure even distribution of the grain size.

Drying A subsequent application is only possible after complete drying, at the earliest after 48 hours. Drying depends on temperature and humidity.

Test applications, Note The suitability of the entire layer structure consisting of primer and plaster application must always be checked by means of a sufficiently large work sample. Claims for reclamation that do not result from factory mixing errors are excluded.

Thickness of plaster application on surfaces prepared with primer RED up to a maximum of 10 mm.

As a rule, ClayTec topcoat plasters fine or YOSIMA clay design plasters are only applied to gypsum drywall boards up to a maximum thickness of 3 mm! Cover glass and ceramic surfaces and protect against splashes. Clean tools thoroughly with water immediately after use.

For further information, see „Fine Surfaces Worksheet“ and “Clay Plasters“.

Safety, disposal Store and use out of reach of children. Reminders of the primer can be disposed of with household waste, allow mixed material to dry in beforehand.

Primer: H315: Causes skin irritation, H319: Causes serious eye irritation

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

Subject to change and errors excepted. As of 2025/2.