Product sheet

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. Store and transport in frost-free conditions.

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. Store and transport in frost-free conditions.

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 plasterboard and other panelling against moisture from the clay plaster application. Store and transport in frost-free conditions.

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. Store and transport in frost-free conditions.

Product data and application see reverse

GERMANY
© ClayTec GmbH & Co. KG
Nettetaler Straße 113-117
D-41751 Viersen-Boisheim
+49 (0)2153 918-0
service@claytec.com
claytec.com

2026/11
Changes and errors excepted.
Current version available at
claytec.com

Product sheet

ClayTec®
Clay at its best.

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 carbonate, potassium silicate, clay, dispersion approx. 6 % (improvement of adhesion properties and application safety), methyl cellulose, grain size DIE ROTE 0.5–2.0 mm, grain size DIE GELBE 0.5–1.0 mm, DIE WEISSE is without grain size.

Supply forms, coverage
Deep penetrating primer and stabiliser: Item No. 13.405 10 l can, 60 cans/pallet, liquid, for approx. 65 m².
Item No. 13.400 1 l bottle, 12 per carton, liquid, for approx. 6.5 m².

RED: Item No.13.435 10 l bucket, 30 buckets/pallet, liquid, for approx. 25 m².
Item No. 13.430 5 l bucket, 56 buckets/pallet, liquid, for approx. 12.5 m².

YELLOW: Item No. 13.425 10 l bucket, 30 buckets/pallet, liquid, for approx. 55 m².
Item No. 13.420 5 l bucket, 56 buckets/pallet, liquid, for approx. 27.5 m².

WHITE: Item No. 13.415 10 l bucket, 30 buckets/pallet, liquid, for approx. 60 m².
Item No. 13.410 5 l bucket, 56 buckets/pallet, liquid, for approx. 30 m².
Item No. 13.412 1 l bucket, liquid, for approx. 6 m².

Storage Storage in unopened containers is possible for two years if kept dry and cool (protected from frost!). Reseal opened containers tightly and use them up as quickly as possible. Only work directly from the container if it will be completely used immediately; otherwise, decant the product and process it from a separate container.

Preparation Mix thoroughly, usually without dilution. For primers, the addition of up to 5 % water is possible. Suitable especially for THE RED (and, if necessary, also for THE YELLOW) are mixing paddles such as the Collomix LX 90 S mixer (Item No. 40950-000) or the Pajarito mixer with two mixing discs 10 × 50 cm (Item No. 89429), as well as a sufficiently powerful drill/cordless drill. 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 any loose parts from the substrate. Brush off any lightly detachable sand particles. Substrate temperature must be between 5 – 25 °C during application and drying.

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.**

Deep Primer and Stabilizer 13.405, 13.400 are not suitable as system primers for gypsum drywall boards; use the product recommended by the respective board manufacturer!

Total plaster thickness on substrates prepared with THE RED primer depends on the plaster mortar and substrate, but must not exceed 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. EUH210: Safety data sheet available on request.
Only empty containers may be recycled. Disposal is handled by an Interzero partner company in your region. More information can be found here: www.interzero.de. Our Interzero manufacturer number: 314591. Containers with dried residues may be disposed of as household waste or construction debris. Containers with non-dried residues must be taken to collection points for waste paint.
Dispose of liquid paint residues according to waste code no. 080120 (in accordance with EWC).nGISCODE: M-DF01.

Claims for compensation that do not result from factory mixing errors are excluded.
Subject to change and errors excepted. As of 2026/11.