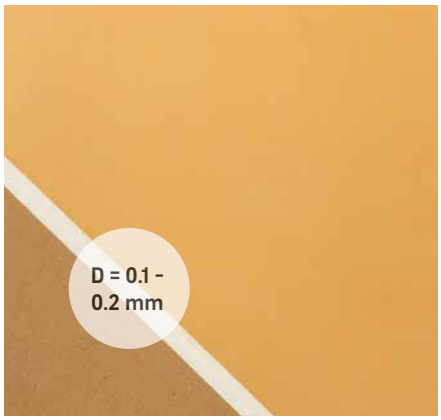
Product sheet

YOSIMA clay surfacer

Item No. 50.000–57.430

TM 06 Dachverband Lehm

- **Smooth, refined, elegant**
- **Matt or glossy possible**
- **146 YOSIMA color shades**



Colored clay smooth filler on clay topcoat plaster and other sufficiently smooth surfaces. YOSIMA clay surfacer is a smooth wall finishing which provides a modern and classic ambience. It can be sanded, is very smooth and is even water-repellent to a certain extent. Surfaces that are calm and homogeneous as well as lively and cloudy are all possible. When treated with wax, the colors become even deeper and more intense. YOSIMA clay surfacer is offered in 146 earth-coloured tones.

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Product data and application see reverse

Product sheet

ClayTec®
Clay at its best.

YOSIMA clay surfacer

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Product and application Clay surfacer according to DVL TM 06. Smooth filler for surfaces of ClayTec clay topcoat fine and other sufficiently smooth substrates like plaster surfaces, plasterboards and gypsum fibreboards etc. after work sample.

Composition Colored clays and loams, talcum, cellulose fine fibres, methylcellulose ≤ 2%. Iron oxide in shades RO and BR < 1.5%.

Colors **YOSIMA clay surfacer is available in all 146 colours of the YOSIMA line.**

Supply forms, coverage 5 kg bucket 33/EUR pallet (6 l surfacer, approx. 6.5 m² area with two coats),
1.0 kg bag (1.2 l surfacer, approx. 1.3 m² area with two coats).

The bucket size is based on the volume required for problem-free preparation.

Storage Can be stored dry and cool for an indefinite period

Preparation The 5 kg dry mass is first stirred dry for 2 minutes at a sufficiently high speed with a drill (≥ 800 watts) or agitator and agitator paddle. The Collomix KRK 80, or other mixers with a plastic head, are suitable for use as an agitator paddle. (The plastic head protects the wall of the bucket against abrasions. Other brand-new agitator paddles can be filed or rounded down to be used for this purpose.) The stirred dry mass is successively stirred into approx. 3.7 – 4.1 litres of clean water. Depending on the colour, the average water addition can vary (white-grey tones + approx. 15%, green tones + approx. 30%). The processing consistency is pasty, according to the desired order and tool. Work through thoroughly again after 30 minutes of rest. The filler is now ready for processing. Particularly good processing properties are achieved by longer rest periods, e.g. overnight (12 hours). If necessary, add a little more water when work through in this case.

Substrate The substrate must be stable, non-springing, frost-free, clean, dry, evenly absorbent and level. Surface smoothed with largely closed pores (quality grade Q3 smoothed). Our product clay filling and smoothing putty is particularly suitable as a base (ClayTec 13. 530 and . 531). Pronounced alkaline surfaces such as lime and concrete substrates must be fluorinated. This applies in particular when dark, strong colours are used. Thickness compensation or filling of imperfections is not possible with the clay filler. The surfaces are usually pretreated with ClayTec primer WHITE, the primer is not required by application of clay filling and smoothing putty.

Application, surface Sweep surfaces before applying the filler. The clay surfacer is trowelled off on the surface. The thickness of the first coat is ≤ 0.1 - 0.2 mm, so only the pores of the substrate are filled and closed. After drying, intermediate sanding with 150 grit sandpaper is usually carried out. After dust-removing, another layer is applied and smoothed. Coating takes place in wide, large-area swings, provided that a colour-homogeneous surface is desired. For veined „stain fillings“ or differently designed surfaces, the application is carried out in short, small-surface sweeps. They are more feasible with strong colours than with classic colours.
Smoothing is done with light pressure and a „closed trowel“ as much as necessary to achieve a smooth closed surface. Depending on the surface smoothness requirements, the described application can be repeated once or twice. Cover layers that have not been treated additionally by grinding (see below), can be further compacted. If abrasion is tolerable, we recommend steel trowels (ClayTec Japanese trowels 181/58 180-240 or 181/61 210-300), otherwise plastic trowels (ClayTec Japanese trowels 181/04 210-240).

Working time Once mixed, the filler remains usable for 24 hours if kept covered.

Hardening The hardening time is approx. 24 hours, depending on the possibility of drying and absorbency of the substrate.

Subsequent processing The surface can be sanded dry by hand or by machine after the hardening process has been completed. Fine 220 to 500 grit sandpaper is suitable. Surface treatment with special primers or suitable natural wax is possible. We will be happy to provide separate information on this. Please note the more or less strong darkening of the colour due to deep and gloss treatment.

Color and surface homogeneity For contiguous surfaces, mix sufficient filler from several containers. Working interruptions and beginnings should be avoided. Due to the natural raw materials, colour deviations and moderate shading cannot be ruled out.

Samples of work and checking **The suitability of the substrate, adhesion and surface result must always be checked by means of a sufficiently large work sample. The colour tone must be checked before application. Claims for reclamation that do not result from factory mixing errors are excluded.**

Claims for compensation that do not result from factory mixing errors are excluded.
Subject to change and errors excepted. As of 2025/3.