

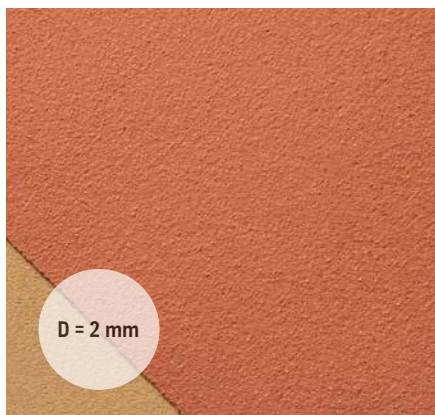
YOSIMA clay design plaster



Item No. 40.000 – 47.430

TM 06 clay roofing composite

- **Brilliant surface**
- **146 natural color tones**
- **7 surface texture additives**
- **No artificial colors**
- **No fading or yellowing**



Colored clay plaster for interiors YOSIMA clay design plaster is a colored wall design-ing material consisting of clay and earth. The clay is both a binder and a coloring agent in one, we do not add artificial colors. YOSIMA is offered in 146 earth-color tones, in addition, textural effects can be achieved with six different additives. YOSIMA surfaces are noble, richly colored and brilliant. Their calm and harmonious appearance can be enjoyed each and every day!

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TM 06 clay roofing composite

Product and application Colored clay plaster according to DVL TM 06 for interior design (not in the splash water area).

Composition Mixed grain sand, colored loam and clay, perlite, cellulose fibres, iron oxide in shades RO and BR < 0.5 %, methylcellulose < 0.3 % (WHITE with vegetable starch). Grain size up to 1 mm. Textural additives straw fibres (Stroh), granite (Red-Stone), glitter (Flash), mother of pearl (Pearl), sisal (Japan), herbs (Herbs).

Properties Adhesive strength WHITE 0.55 N/mm². Abrasion WHITE 0.02 g. (Laboratory values, corresponds to strength class II analogous to DIN 18947 according to TM06 DVL.) Wet-scrub resistance class 5 according to DIN EN 13300, water-soluble stabilization. Reflectance D65 WHITE 80, Kolumba Gray 61. WHITE meets increased indoor climate requirements according to TM06 DVL.

Supply forms, Coverage 20 kg lid bucket for approx. 6 m² at 2 mm thickness. 500 kg big bag for approx. 150 m² at 2 mm thickness. Textured plasters red-stone, pearl 20-25 % less surface area due to thicker application. 32 buckets/pallet

Storage Can be stored dry and cool for an indefinite period

Mortar preparation The 20 kg dry matter is gradually stirred with a drill (≥ 800 Watt) or agitator and agitator paddle (Ø 125 mm) into approx. 5.5 – 6.5 liters (varies depending on product) of clean water. Work through thoroughly again after 30 minutes of rest, then process.

Plaster base The substrate must be stable, non-springing, frost-free, dry, clean, free of salt and sufficiently rough, as well as even, crack-free, dry and evenly absorbent. Pre-wet carefully with spray mist, if necessary. Pronounced alkaline surfaces must be fluorinated. This applies in particular when dark, strong colors are used. Pre-treat smooth surfaces and strongly or unevenly absorbent substrates with ClayTec primer YELLOW (13.425 – 420). ClayTec primer WHITE (13.415 – 410) can also be applied to ClayTec clay undercoat plaster and clay topcoat plaster fine 06. Carefully rub down ClayTec coarse grain plasters (separate operation!) or, after drying, finely coat with a thin layer of Clay topcoat fine 06. Prepare cladding made of clay boards, hemp boards and wood fibre boards over the entire surface with fabric and clay adhesive and reinforcing mortar. Prepare full flat claddings and interior insulation also with fabric and fine clay plaster. Prepare gypsum boards with joint rebound according to the manufacturer's instructions with GK deep sealer. The joint areas are to be filled and reinforced professionally, e. g. B. with Kobau Elastic-Gewebe 10/10 (with the red thread) or glass mesh joint tape. After drying, prime surfaces with YELLOW primer carefully and without imperfections.

Plaster application, surface Ensure that it is frost-free. The mortar is applied with a Japanese trowel or a stainless steel smoother or sprayed on mechanically. Use clean, well-worked/new tools. First apply a thin layer „spread over grain“; the final coat is applied after drying. It can also be applied in one operation, with a layer thickness generally up to a maximum of 2 mm. After a drying time of up to several hours, depending on the substrate, the surface is rubbed evenly and, if necessary, repeatedly with a sponge board. Early processing = rough surfaces, late processing = smooth and fine surfaces. Further design possibilities with a felt, plastic, wood grating board or with a Japanese smoother. When working on the surface, apply only a little water to the surface! To ensure uniform workability, uneven drying of partial surfaces must be prevented, e.g. caused by heating or drafts from open windows.

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

Subsequent processing After complete drying (at least 48 hours), the surface is evenly moistened with a fine spray mist. Once no glossy areas are visible anymore, the surface should be brushed off with a wallpaper brush to remove any loose grains, continuing until no more particles fall off. Large surfaces can be moistened and brushed off in sections. Especially with dark and intense colors, water must be used very sparingly, otherwise the color effect may become uneven (cloudy).

For increased abrasion resistance, particularly with light colors, a solution made from wall glaze binder (Kreidezeit K760) can be used for moistening. To prepare, mix 100 g with 1.5 liters of cold water until lump-free, stir thoroughly after one hour, and then dilute with 8 liters of cold water.

Color and surface homogeneity For contiguous surfaces, mix sufficient mortar from several containers. Working interruptions and beginnings should be avoided. Due to the natural raw materials, color deviations cannot be ruled out. Color deviations as well as coarse components and aggregate accumulations are part of the product character. Herbs plaster must dry quickly.

Sampling The YOSIMA color fan (60. 401) shows all color tone variations as relief surfaces. For samples on site we offer YOSIMA dry mortar samples of all color and structure variants in 2 kg bags, range approx. 0,6 m². Talk to us!

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 color tone must be checked before application. or instructions on working with this product as well as additional information can be found in the worksheet "Fine Surfaces".

Claims for compensation that do not result from factory mixing errors are excluded. Subject to change and errors excepted. As of 2026/8.