

# Clay plaster SanReMo

Item No. 05.810, 10.810

DIN 18947



WAKA Thermosystems GmbH  
Flächenheizungen & -kühlungen

[www.waka-wandheizung.de](http://www.waka-wandheizung.de)

- Single coat on any substrate
- Basecoat and topcoat plaster, 6 mm thickness
- Thick and thin coats can also be used
- Ideal for refurbishment, renovation, modernisation



Example with ClayFix clay paint



Single or multi-layer basecoat and topcoat for interior use, particularly suitable for the variety of substrates used during renovation, refurbishment and modernisation. Clay plaster SanReMo is a mortar designed for moderately thick application. It can be applied very thinly at 3 mm or quite thickly at 10 mm. The mortar also tolerates non-uniformly absorbent or only poorly absorbent plaster substrates. This is helped by the porous water-absorbent pumice component as well as the fine miscanthus fibre component. The fibre is not visible on the surface. As a basecoat plaster, Clay plaster SanReMo is suitable for all fine ClayTec clay topcoat plasters, e.g. YOSIMA. It can also be easily painted with the ClayFix clay paint system.

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Clay plaster mortar - DIN 18947 - LPM 0/2 f - S II - 1,6

**Type of clay plaster mortar** Clay plaster mortar for use as plastering mortar. Dry.

**Application** One-coat, medium thickness basecoat or topcoat for indoor areas. Especially suitable for surfaces with sufficient grip but low absorption properties such as concrete, insulating bricks, magnesite wood-wool boards (e.g. WAKA surface, heating and cooling systems), foam glass insulation and other sufficiently even surfaces made of suitable materials. Manual or machine plastering.

**Composition** Natural building clay, mixed-grain washed sand 0-1.0 mm, natural pumice 0-1.5 mm.  
Grain classification: oversized grain according to DIN 0/2, up to 3 mm. Natural fibres.

**Country of origin** Germany

**Material parameters** Drying shrinkage < 2.0%. Strength class S II. Bending tensile strength 0.8 N/mm<sup>2</sup>. Compressive strength 2.5 N/mm<sup>2</sup>. Adhesive strength 0.12 N/mm<sup>2</sup>. Abrasion 0.3 g. Gross density class 1.6. Thermal conductivity 0.73 W/m·K. μ-value 5/10. Vapour adsorption class WS III. Building material class A1.

**Supply form, coverage**

05.810: 800 kg Big Bag (yields 544 litres plaster mortar for 91 m<sup>2</sup>. Thickness = 6 mm. **Approx. 1.47 kg/m<sup>2</sup> per mm plaster thickness**)

10.810: 25 kg bag (yields 17 litres mortar for 2.8 m<sup>2</sup>. Thickness = 6 mm. **Approx. 1.47 kg/m<sup>2</sup> per mm plaster thickness**), 48 bags/pallet

**Storage** Can be stored dry for an indefinite period.

**Preparation** Add approx. 30% water (7.0 litres per 25 kg sack) using a motor agitator or by hand. Large quantities may also be mixed using any rotary drum, turbomixer and pug mill mixer. Information on the use of plastering machines available at [www.claytec.com](http://www.claytec.com). If the plaster is not used immediately, it may be necessary to add additional water due to the absorption properties of the additives (about 1.5 litres after 30 minutes). If the plaster is left to stand for a long period before use, then pour in any additional water required and mix well again.

**Plaster base** Clay plasters adhere only by mechanical force. The plaster base must be stable, free from frost, dry, clean and free from salt. Surfaces with weak absorption properties must have sufficient roughness and gripping properties. If a primer is necessary, ClayTec RED for rough clay plasters (13.435-430) is suitable.

**Application method** Apply plaster using a trowel or spray it on using a plastering machine. Minimum and maximum application thicknesses are 3 and 10 mm respectively. On concrete or overhead, strictly apply only 6 mm per layer. On WAKA surface, heating and cooling systems the thickness should be 8 mm.

On wool wood panels and WAKA surfaces, reinforcement mesh (ClayTec 35.010) should be placed on the plaster while still wet and worked in.

The reinforcement mesh is not necessarily required for homogenous solid surfaces.

Due to the absorbent properties of the additives used, Clay plaster SanReMo sets quickly and is workable in just a short time. The surface structure depends on the time of application and the tool used. In principle, the more the plaster mortar has set by the time the surface is worked, the finer the structure will be. Rubbed surfaces are created using a sanding board of sponge, plastic or wood. Smooth surfaces are achieved by post-treatment with a spreader.

**Working time** Since no chemical setting process takes place, the material remains workable for several days if kept covered. See above for details of adding extra water.

When plastering machines and hoses are not in use, it may be necessary to ensure that the material does not solidify in them. Unlike with other clay plasters, it may be necessary to empty and clean equipment in the event of longer pauses between use.

**Subsequent plastering** The surface may be coated with WHITE primer (ClayTec 13.415-410) and ClayFix clay paint. Clay plaster SanReMo is an excellent base for YOSIMA clay designer plaster.

**Sample application** Suitability of the surface, application thickness and surface effect should always be tested on a sufficiently large sample area. Compensation claims, unless they result from factory mixing errors, are excluded.

For instructions on working with this product as well as additional information from the worksheet 'Clay plasters' see:

