

PRODUCT DATA SHEET

Casco® WallCraft

WHITE CEMENT BASED LEVELLING COMPOUND. WORKS JUST AS WELL ON TILED SURFACES AS ON OTHER INDOOR WALLS. POSSIBLE TO LEVEL AND SAND IN THE SAME DAY. ON MOST SUBSTRATES, NO PRIMER IS NEEDED.



DESCRIPTION

Casco WallCraft is a white resin modified cement based levelling compound. Casco WallCraft is an elastic and rollable levelling compound that works just as well on tiled surfaces as on other indoor walls. Thanks to the fast drying time it is possible to both level and sand the same day. On most substrates, for example tiles, no primer is needed. Casco WallCraft is characterised by a very good grindability and a brilliant white finish. Casco WallCraft can be coated with paint or tiles.

USES

- For renovation of walls and ceilings.
- Can be used on tiled surfaces.
- On most substrate, no primer is needed.
- Apply with roller or steel trowel.
- For large areas, 20 mm/layer.
- For smaller repairs, up to 100 mm/layer.

CHARACTERISTICS / ADVANTAGES

- Finely grained
- White coloured
- Easy to grind
- Fine smooth surface
- For renovation and decoration finish
- Does not need primer on most substrates
- Dust reduced

PRODUCT INFORMATION

Composition	Cement based
Packaging	20 kg paper bag 4 kg PE-bag
Appearance / Colour	White powder
Shelf life	Paper bag: 6 months in sealed packaging. PE-bag: 18 months in sealed packaging. Reseal tightly after opening. Opened bags should be closed immediately and used up as soon as possible.
Storage conditions	Store: Casco WallCraft in cool, dry conditions.
Density	Powder density: 1000 kg/m ³ . Mortar density: 1400 kg/m ³

APPLICATION INFORMATION

Mixing Ratio	4 kg of powder / 1,8 liter of cold water 20 kg of powder / 9,2 liter of cold water
Consumption	approx. 1,0 kg/m ² /mm
Layer Thickness	0-20 mm / layer. For smaller repairs, the filling capacity is up to 100 mm / layer.
Substrate Temperature	Not below +5°C, best conditions between +15°C - +20°C
Pot Life	30 minutes
Drying time	≤10 mm, 24h

APPLICATION INSTRUCTIONS

APPLICATION

Casco WallCraft is suitable for filling, smoothing and full-surface leveling of:

- Coarse surfaces
- Ceiling and wall
- Ceramic tiles
- Plaster projections
- Gypsum plaster board joints with and without reinforcing strips
- Joints in prefab ceilings
- Large holes or slots

Casco WallCraft can be covered with wallpapers, paints, dispersion-plasters and linings.

Mixing ratio

4 kg of Casco WallCraft / 1,8 liter of cold water
20 kg of Casco WallCraft / 9,2 liter of cold water

Priming

Mixing ratios primer:water;

- Highly absorbent substrates prime with Casco Primer (1:3)
- Calcium sulphate substrates such as gypsum plaster, prime with Casco Primer (1:1). Further treatment can be made after complete drying, approx. 60 minutes.
- No priming is required on tiles.

Recommended method of working

- Use a clean bucket
- Pour Casco WallCraftF into cold clean water and stir to a homogenous mixture (speed mixer recommended, 600 rpm, 3 min)
- Apply and smooth the levelling compound using a stainless steel smoothing trowel.
- CascoWallCraft can be applied in thicker layers in one step (up to 20 mm)
- When the levelling compound starts to harden, re-touch the work to as smooth surface as possible.
- For filling holes use less water to reach a thicker consistency.
- If a second layer of levelling compound is to be applied, the first layer should be primed with Casco Primer (1:1) when dry.
- Do not apply mineral colours to surfaces filled with Casco WallCraft.

Requirements of substrates

- Adequate strength, bearing strength, dimensional stability and permanent dry.
- Free of layers which reduce adhesion, e.g. dust, dirt, oil, fat, wax cleaning agents and loose particles.
- Separation layers, sinter layers, and other similar contamination should be removed through sanding, brushing, abrasive blast cleaning, milling or thorough cleaning.
- Old, loose and weak levelling layers should be removed mechanically.
- The requirements specified in relevant valid standards, guidelines and specifications must be fulfilled.

SUBSTRATE QUALITY / PRE-TREATMENT

Casco WallCraft RDF is suitable for filling, smoothing, evening and levelling without a primer of:

- Concrete
- Cement plaster, lime-cement plaster
- (CS I - CS IV according to EN 998-1)
- Dry construction elements
- Ceramic coverings
- Water resistant, tight emulsion paints, acrylic lacquers or alkyd resin lacquers
- Latex- and acrylate paints
- Coated fabric- and glass fibre wallpapers
- Decor plaster
- Masonry

As well as for filling, smoothing, evening and levelling with a primer of:

- Gypsum plaster (according to EN 13279-1)

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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