

LevelWall One



Fiber-reinforced, water repellent,
cement-based one-coat rendering mortar

- » Exemplary workability
- » Easy to apply
- » Fast delivery of works (tight schedule)
- » Simultaneous labor-material saving
- » Finishing texture similar to traditional finishing renders

- » Resistant to temperature changes
- » Zero shrinkage & dehydration cracks
- » Excellent adhesion to substrate
- » Water vapor permeable
- » Indoor and outdoor usage

DESCRIPTION

LevelWall One is a fiber-reinforced, water-repellent, white, cementitious one coat render that replaces base and final render in thicknesses up to 2.5 cm/layer. It contains in its composition special, natural, active additives that inhibit the formation of shrinkage & dehydration cracks, at the same time offer thixotropy, high adhesion, excellent workability and mechanical strength making it suitable for base render

replacement. The selected ratio of cement and graded aggregate granulometry offers a finish texture similar to that of traditional finishing renders.

It contains natural hydraulic recycled binders (Recycled Green Technology).

It is classified as render type **OC CSIII Wc1** according to **EN 998-1**.

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FIELD OF APPLICATION

LevelWall One is used as a one coat render replacing the two layers of traditional renders (base + final), saving time and facilitating

application. It has a final finish result similar to traditional plasters. Suitable for large and small surfaces. Indoor and outdoor usage.

TECHNICAL DATA (Measurement conditions 20°C and 65% Relative humidity)	
Color	White
Mixing Ratio	4.5 l water in 25kg LevelWall One
Grain size (max)	1mm
Bulk Density of dry mortar,	1.55 ±0,05kg/l
Bulk Density of fresh mortar	2.05 ±0,05kg/l
Application temperature	From +5°C to +35°C
Application thickness	up to 2.5 cm
Pot life	1.5 hours
Consumption	14 kg/m ² per cm layer

PRODUCT PERFORMANCES	
Flexural strength after 28 days , EN 1015-11	≥ 2,5 MPa
Compressive strength after 28 days, EN 1015-11	≥ 4.5 MPa
Capillary water absorption (c) , EN 1015-18	c ≤ 0,40 kg/ (m ² min ^{0.5})
Adhesion to cementitious substrate concrete • after standard conditions, EN 1015-12 • after weathering cycles, EN 1015-21	≥ 0,50N/mm ² , FP: B ≥ 0,40N/mm ² , FP: B
Water vapor permeability after weathering cycles, EN 1015-21	≤ 1 ml/cm ² after 48 hours
Water vapor permeability of hardened mortar (μ) EN 1015-19	15/35
Thermal conductivity (λ10, dry), EN 1745	0,82W/mK
Reaction to fire, EN 13501-1	Euroclass A1

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DIRECTIONS FOR USE

1. **SUBSTRATE - PREPARATION:** **LevelWall One** is applied on walls, concrete surfaces or usual construction materials after applying a bonding (spatterdash/rough coat) as a primer first. On absorbent substrates, wet first with water and on non-absorbent substrates, apply **Bonding Primer** by **KRAFT Paints**. The application surface must be clean, solid, free of stagnant water, dust, oil, lime, tar and loose elements.

2. **MIXING:** In a clean container add 4.5 – 5.5 liters of pure water and gradually empty the content of a 25Kg bag of **LevelWall One**, while stirring constantly with a low-speed electric mixer. For spraying machines add 5.5l water per 25 kg **LevelWall One**.

Mixing must be done carefully so that no amount of product remains on the walls or bottom of the container. The product is ready for use when the mixture becomes homogeneous without lumps. Stir again after 5 minutes.

3. **APPLICATION:** Putting the "guides" of rendering, apply the

product by trowel, spatula or spraying machine in thickness up to 2.5cm. While the render is wet, level its surface using the proper metallic spatula by applying it on to the "guides". Remove the "guides" in order to avoid cracks. When the render starts its setting smooth the surface by using sponge float.

At points of connection of different construction materials and increased requirements, reinforce with anti-alkali glass mesh.

For plastering more than 2.5cm, the application has two layers: apply the render to approximately 2/3 of its final thickness, then apply the fiberglass mesh. As soon as the first coat sets, continue the plastering until the final thickness is achieved by applying "wet on wet".

4. **CLEANING OF TOOLS:** Tools should be cleaned immediately after application with plenty of water while the material is still fresh or otherwise mechanically. Remove as much material as possible from tools before cleaning.

IMPORTANT NOTES

Do not apply at temperatures below +5°C and above +35°C as well as at relative humidity above 65%.

Time between successive layers: 30-60 min, depending on environmental conditions

Do not apply in case of impending rain for at least the next 24 hours after application.

It is recommended to protect the surfaces against strong wind

currents and direct sunlight.

In periods of high temperatures (warm months) light wetting of the final surface is recommended for 24 - 48 hours after application

Sanding time: approximately 1 hour, depending on environmental conditions.

Don't add in the **LevelWall one**, cement, gypsum, lime or aggregates.

Don't add further water, when the mixture starts setting.

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PACKAGING – SHADES

The product is packaged in 25kg, paper bags in White shade.

CONSUMPTION

Consumption is about 14 kg/m²/1cm

STORAGE


Stored on wooden palettes and in a dry environment with temperature above 5°C for 12 months from the production date.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Carefully read and follow all cautions and warnings on product label. For further information refer to the Material Safety Data Sheet of this product.

Poison Centre Telephone:

210 7793 777

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24 DoP No 05.24 LevelWall One EN 998-1:2016 One-coat rendering mortar for use on external walls, ceilings and columns (OC CS III)	
Reaction to fire	Euroclass A1
Water Absorption	Wc 1
Water Vapour Permeability (μ)	15/35
Water Permeability after Weathering Cycles	≤ 1ml/cm ²
Adhesion after Weathering Cycles	≥ 0.40 MPa (FP: B)
Thermal Conductivity (λ _{10,dry})	0.82 W/m·K (Tab. Value, P=50%)
Durability (against Freeze-Thaw)	NPD
Dangerous Substances	See SDS

COMPANY CERTIFIED BY

- ✓ ISO 9001
- ✓ ISO 140001
- ✓ ISO 50001
- ✓ ISO 45001

09/24 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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DISCLAIMER: The above technical data, information, recommendations, and instructions are based on our scientific and technical knowledge, laboratory studies and long experience. However, the above information should be considered indicative and should be reviewed in any case in relation to each specific condition and practical application. Consequently, the suitability of the product for each specific application must be evaluated after referring to the updated Technical Data Sheet and to our website www.kraftpaints.com, as well as after contacting our technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable consequences after using the product.

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