

## CASEA Bauprocalc KG/FP – Application Guide

### General Information

CASEA Bauprocalc KG/FP Hydraulic Lime Based Skim Plaster contributes to a healthy internal atmosphere. It's an excellent alternative to plaster containing gypsum or patent cements that have less vapour permeable qualities. It's ideal for kitchens, bathrooms and other rooms where high humidity levels are expected.

CASEA Bauprocalc KG/FP, produces a mortar which is softer than cement mortar. After the initial set, stability and strength gradually build up over time; allowing enough flexibility to cope with minor settlement or movement in the building during this period, thereby reducing the risk of cracking. Good vapour permeability performance allows an unhindered transference of excess internal moisture through the building to the outside, thereby contributing significantly to a balanced and healthy internal atmosphere.

### Application Onto Plasterboards

The background should be firm, solid and free from dirt and dust.

1. Tape all joints using self adhesive jointing tape.
2. Prime all gypsum surfaces using Casuprim HB\* insuring even coverage over all the board surface.
3. Drying time on primer is approx 12 hours.
4. Ensure that gypsum boards are well fixed using good quality fixings.

### Application

The background should be firm, solid and free from dirt and dust.

Basecoats should be fully cured. Any cracks to be scratched open with a pointed tool to form a 'V' shape. Smooth concrete surfaces to be treated with Casuprim HB.

For gypsum backgrounds see above.

Pure lime finishing plaster to be mixed only with clean water, without any admixtures.

Fill a bucket with 11-12 litres of clean water and slowly sprinkle in Lime Skim, stirring constantly, ideally with an electric hand mixer, to a workable consistency. Add more water if necessary.

Lime skimming plaster is usually applied and finished in two stages, using a steel trowel.

The lime skimming plaster is applied and smoothed out

flat, ensuring full, even coverage of the surface area (approx. 1-2 mm thick).

On stiffening, usually the next day depending on drying conditions, this is again trowelled over using a little more skim to produce a smooth, flat, matt surface finish.

The overall thickness of the finish plaster should be between 2-3 mm.

Sand as required.

If rapid drying out occurs, dampen the finished work with water at regular intervals.

Control the heating of internal rooms with care, to avoid rapid drying out.

Painting and other coverings may be first applied when drying and curing are finished.

### Subsequent Treatment

CASEA Bauprocalc KG/FP Hydraulic Lime Skim Plaster needs a sufficient amount of water in order to set completely. Where thin layers have been applied or conditions cause accelerated drying of the plaster, repeatedly dampen the finished work at regular intervals with a fine water mist spray.

### Attention

CASEA Bauprocalc KG/FP Hydraulic Lime Skim Plaster must be mixed with clean water without additives. Do not mix or apply if the temperature is below +5°C. This product must not be mixed with gypsum or be applied onto gypsum based backgrounds. Avoid over-mixing, as this can adversely affect performance and strength. Material that has set must not be re-mixed.

For interior applications, care must be taken when using heating systems. High or rapidly changing temperatures may affect the hydraulic setting reaction of the plaster and cause cracking and/or adhesion problems. Delay the implementation of heating systems for as long as possible and heat up interiors gradually. Other unfavourable conditions, such as overly wet backgrounds, low background temperatures and low air temperatures can delay setting. During and after application, protect the render from adverse weather conditions, such as direct sunlight, strong winds, rain and frost.

Observe the guidelines stated in DIN 18550 and DIN 18350 (VOB, Part C).

\*available from SMET.

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