

Baumit Internal Plaster Finish KG 30

Product Datasheet

1. Product

Factory prepared, dry pre-mix lime based finishing plaster and filler for hand application in accordance with EN 998-1

2. Suitable Uses

Baumit Internal Plaster Finish KG 30 is a smooth white lime finishing plaster for application onto lime and cementitious basecoats and rough cast concrete walls and ceilings. Ideal for new build and conservation work. Only for use in internal areas. Do not apply in wet rooms, onto gypsum backgrounds or areas which are to be tiled.

3. Composition

Sand, hydrated lime and hydraulic additives to improve workability and adhesion.

4. Performance

Good water vapour permeability performance improves living space comfort. Baumit Internal Plaster Finish KG 30 is an excellent, healthy alternative to gypsum and cement based products. Increased strength makes it suitable for areas subject to high impact loading.

5. Technical Data

Plaster group:	CS II according to EN 998-1
Grain:	0 – 0.3 mm Ground Limestone
Compression strength:	1.5 – 5.0 N/mm ²
μ-value:	approx. 10
Water requirement:	15 – 16 l/bag = 600 – 650 l/t
Yield:	approx. 27 l/bag = ca. 1080 l/t
Coverage per bag:	ca. 0.9 kg/m ² /mm (10-12m ² @ 2mm thick)

6. Packaging

25kg paper bags (42 bags per pallet = 1050 kg)

7. Storage

Dry and protected, do not store for longer than 6 months.

8. Quality Assurance

This product undergoes third party and in-house monitoring, using a quality management system which conforms to the current international standard EN ISO 9001 and the environmental standard ISO 14001 and is certified.

9. Health and Safety

See separate Health and Safety datasheet.

10. Background

The background should be stable, dust and dirt free, and able to receive a coating. Basecoats should be fully cured. Any cracks are to be scratched open with a pointed tool to form a "V" shape. Smooth concrete surfaces to be treated with Baumit Bonding Adhesive MC 55 W. Highly absorbent backgrounds should be dampened with water. Baumit Internal Plaster Finish KG 30 should not be applied over lime putty based coatings.

11. Application

11.1 Mixing

The quantity of water required for mixing ranges from approximately 15 to 16 litres per bag (this is a guide only, the actual amount of water required depends on the consistency desired for normal site practice). Do not mix with other materials. Baunit Internal Plaster Finish KG 30 can be manually mixed in a bucket or tub, using an electric hand mixer. Fill the bucket to a third full with water. Gradually add the Internal Plaster Finish KG 30 to the water while mixing to a workable, lump-free consistency.

11.2 Application

Baunit Internal Plaster Finish KG 30 is applied and finished in two passes, using a steel trowel. Apply a coat (max. 2mm thick) and smooth out flat, ensuring full and even coverage of the background. Allow to stiffen. Apply some fresh KG 30, which has been mixed to a thinner (wetter) consistency and trowel over to produce a smooth, flat, matt surface finish. Do not apply a "polishing" technique (throwing on water and toweling it in).

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

11.3 Hints

Baunit Internal Plaster Finish KG 30 needs a sufficient amount of water in order to set completely. Where accelerated drying of the plaster is occurring, repeatedly dampen the finished work at regular intervals with a fine water mist spray. Control the heating of internal rooms with care.

Painting, wallpapering and other coverings may only be applied after the Baunit Internal Plaster Finish KG 30, has fully dried out.

Observe the guidelines stated in this document or refer to the Limetec office for further advice.