

Baumit Klima KP 36 W

Natural white, climate-regulating lime plaster



- **Climate-regulating**
- **Natural white lime plaster**
- **Suitable for internal and external use**

Product Overview

Factory prepared, natural white dry powder skimming plaster mortar with eminently hydraulic additives produced in accordance with EN 998-1. Lime plaster with minimal cement content for manual and machine application in internal areas only. Part of the Baumit Klima range of products for healthy living.

Composition

Sand, mineral aggregates, white lime, minimal white cement and additives to improve workability and adhesion.

Properties

- Natural white, fully mineral, creamy, lime plaster which fulfils the physical and biological considerations within the built environment.
- Ideal for a sponge floated finish.
- A healthier alternative to gypsum or other cement based products.
- Resistant to impact loading.
- One material, from the basement to the roof.

Application

Mixing: Baumit Klima KP 36 W can be mixed with clean water in a tub to a lump free, creamy consistency with an electric hand mixer. Automated continuous horizontal mixers may also be used. For small areas the mixed plaster can be manually applied. For larger areas the fresh plaster can be fed into a mortar pump for spray application. Alternatively, mortar mixing pumps provide an all-in-one mixing and spraying solution.

Basecoat plaster: The plaster is applied onto the substrate to the required thickness (min 10mm & max. 17 mm) in one or two passes (fresh-in-fresh) depending on the degree of suction from the substrate and ruled off with a straight edge, filling in undulations to produce a flat and even plaster layer. On hardening the surface is finely scraped with a spatula blade or grid float in preparation for receiving the topcoat.

Overall plaster thicknesses (including the topcoat) exceeding 20 mm must be built up in multiple levelling coats of at least 10 mm in thickness and each surface horizontally keyed with a plasterers comb to receive the following coat. Drying times between each coat (1 day/mm thickness) must be observed.

Topcoat plaster: Baumit Klima KP 36 W is applied onto the basecoat layer the following day (at the earliest) and smoothed out flat with a trowel or spatula to a minimum thickness of 3 mm. Shortly afterwards the surface is lightly rubbed over in tight circular motions with a fine sponge float or a plasterers float to produce a fine, plain finish. Alternatively the topcoat can be randomly textured using appropriate tools. Keep the surface damp for at least 2 days. A paint finish may be applied if required.

Technical Data

standard specification:	CS II
max. coating thickness:	EN 998-1
μ-value:	25 per coat (on a new substrate)
	≤ 15

	Baumit Klima KP 36 W
grain size	1 mm
consumption	app. 1.3 kg/m ² /mm
yield	app. 2.7 m ² /bag /10mm
water demand	8.5 - 9.5 l/bag = 230-270 l/t approx.

Delivery Format

35 kg bag, 1 pallet = 36 bags = 1260 kg

Storage Store in dry conditions and protected on pallets for up to 12 months.

Quality Assurance Internal quality assurance is provided by the manufacturer's plant.

Subsurface Substrates must be sound, clean, dry, free from frost, dust efflorescence and not water repellent.

- Subsurface Pre-treatment**
- Prepare smooth concrete or very low suction surfaces with a suitable Baunit contact mortar (e.g. Baunit HM 50).
 - Prepare mixed masonry substrates and natural stone with a spatterdash coating.
 - High suction substrates should be dampened with water using a mist sprayer. Do not saturate aircrete substrates.
 - Preparation and levelling coatings must be fully cured, well keyed and compatible with the plaster system.
 - Refer to Baunit technical support for further advice regarding substrate preparation.

Processing

Notes and General Informations The air, material and background temperature must be above +5° C during application and curing. Where rapid dehydration occurs dampen the finished work at regular intervals with a water mist sprayer. High air humidity and low temperatures can prolong drying times considerably. Protect fresh plaster from direct sunlight. Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings. Testing for TVOC and Formaldehyde emissions is carried out by the eco-Institut.



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