



# Baumit Kalkputz 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:

Empty bag contents into clean water in a tub and mix with an electric hand mixer to a lump-free, creamy consistency. Alternatively, an appropriate render spraying machine can be used. For more information contact the Baumit technical team.

Leave to stand for 5 minutes and remix with the hand mixer.

Working time: approx. 1.5 hours.

Material which has started to set must not be remixed with water. Mixing with other products (e.g. anti-freeze or accelerating agents) is not permitted.

**Basecoat plaster:** The plaster is applied onto the substrate a minimum thickness of 10mm & a maximum of 20 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.

Minimum thickness (mm): 10

Nominal thickness (mm): 15

Maximum thickness in one pass (mm): 20

Maximum thickness overall (mm): 30

Minimum thickness as topcoat (mm): 3

Maximum thickness as a topcoat (mm): 5

## Technical Data

Reaction to fire:	A1
Compression strength:	1.5 N/mm <sup>2</sup> - 5 N/mm <sup>2</sup>
Strength category:	CS II according to DIN EN 998-1
Adhesive tensile strength:	≥ 0.08 N/mm <sup>2</sup>
μ-value:	app. 5
Thermal conductivity:	0.820 W/mK

	Baumit Klima KP 36 W
yield	app. 2.7 m <sup>2</sup> /bag at a thickness of 10mm
Grain	1 mm
Render/Plaster thickness	min. 10 mm as a basecoat
Render/Plaster thickness	max. 20 mm in one pass as a basecoat
Render/Plaster thickness	max. 30 mm overall thickness
Render/Plaster thickness	min. 3 mm as a topcoat
Render/Plaster thickness	max. 5 mm as a topcoat
Consumption	app. 1.3 kg/m <sup>2</sup> /mm
Water requirement	8.5 l/bag - 9.5 l/bag



<b>Delivery Format</b>	35 kg bag, 1 pallet = 36 bags = 1260 kg
<b>Storage</b>	Can be stored on pallets well wrapped and protected for up to 12 months.
<b>Quality Assurance</b>	Internal quality assurance is provided by the manufacturer's plant.
<b>Substrate</b>	Substrates must be sound, clean, dry, free from frost, dust efflorescence and not water repellent.
<b>Substrate pre-treatment</b>	<p>Prepare smooth concrete, very low suction, mixed masonry substrates and natural stone surfaces with a suitable Baumit contact mortar (e.g. Baumit MC 55 W)</p> <p>Peeling paint, lime wash, grease stains (from shuttering), other contaminants and film forming layers must be removed. Any cracks are to be scraped open with a pointed tool to form a "V" groove.</p> <p>High absorption substrates must be pretreated with Baumit MultiPrimer.</p> <p>Low suction substrates must be pretreated with Baumit SuperPrimer.</p> <p>Friable basecoats are to be pretreated with a stabiliser such as Baumit SanovaPrimer.</p> <p>Algae and mould growth must be removed with Baumit FungoFluid.</p> <p>Refer to Baumit technical support for further advice regarding substrate preparation.</p>
<b>Notes and General Information</b>	<p>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.</p> <p>Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.</p> <p>Testing for TVOC and Formaldehyde emissions is carried out by the eco-Institut.</p>

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the suitability to our products for the intended purpose or use by itself.