

# Baumit KZP 65

## Lime-Cement Render

### ■ General Information



- Internal & external use
- Use as base or topcoat
- Lightweight

#### Product Overview

Factory prepared dry powder mortar in accordance with DIN 18557 and DIN EN 998-1. General purpose lime-cement render for manual and machine application.

#### Use

- Rendering and plastering mortar for walls, ceilings, pillars and partition walls.
- Suitable onto most types of masonry and (see overleaf) rough cast concrete. formwork.
- Universal two-coat render system for interior and exterior work including wet areas.
- Suitable as a basecoat for wall tiles, mineral and resin decorative coatings.

#### Properties

- Pure mineral, creamy, machine applicable lime-cement, water resistant rendering mortar suitable for finishing with a sponge float.
- Good water retention and adhesion qualities.
- Solid composition without lightweight additives to create an ideal backing coat for tiling and suitable for use in wet rooms.
- Once cured, the product provides a water vapour permeable, frost and weather resistant coating with high impact resistance.

#### Composition

Sand, cement, lime and additives to improve workability and adhesion.

### ■ Technical Data

Designation:	GP – CS II (EN 998-1)
Aggregate Size:	0 – 1,2 mm
Compression strength:	1,5 – 5,0 N/mm <sup>2</sup>
Adhesion strength:	≥ 0,08 N/mm <sup>2</sup>
Thermal conductivity λ <sub>10</sub> , dry:	≤ 0,93 W/(mK) (für P = 90 %, tabulated EN 1745) ≤ 0,83 W/(mK) (für P = 50 %, tabulated EN 1745 )
Water vapour diffusion resistance μ:	10 -15 approx.
Water absorption	W 2 (EN 998-1)
Reaction to fire:	A1, non-combustible
Minimum layer thickness:	10 mm basecoat, 3 mm topcoat (internal) 15 mm basecoat, 3 mm topcoat (external)

Consumption kg/m <sup>2</sup> * :	approx. 1,4 kg/m <sup>2</sup> /mm
Water requirements* [L /bag]:	8 – 9 l/Sack = 230 – 255 l/t
Yield	ca. 25 l/Sack = ca. 710 l/t

\*approx.

The technical data and consumption rates serve for guidance only. An allowance of 10% more consumption should be calculated in practice.

The Declaration of Performance is electronically available at [www.dopcap.eu](http://www.dopcap.eu) and can be downloaded by entering the identification code.

Please refer to the positive product assessment for occupancy health from the eco-Institute in Cologne. See report and certificate on the Baumit homepage in the "Services" section under "Technical Data Sheets".

#### Packaging

Paper sacks, 35 kg, (36 sacks per pallet = 1260 kg)

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Product Data Sheet

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## Health & Safety

Please refer to the Material Safety Data Sheet, produced in accordance with Article 31 and Annex II of Regulation No 1907/2006 of the European Parliament and Council from 18.12.2006, available at [www.baumit.com](http://www.baumit.com) or alternatively request the MSDS from the manufacturer.

## Quality Assurance

Constant monitoring and quality control procedures and stringent control of all incoming raw materials. The company has a TÜV-certified and certified Quality Management System according to the global standard DIN EN ISO 9001 as well as a TÜV-certified and certified Environmental Management System according to the global standard DIN EN ISO 14001.

## Storage

Store in dry conditions and protected on pallets for up to 6 months.

## ■ Application

Baumit KZP 65 can be hand applied using appropriate tools. Small quantities can be mixed with a paddle mixer. For larger areas continuous mixers and mortar pumps or an all-in-one plastering machine provide a more efficient application of the product, The product should be mixed with clean water free of additives.

The minimum application thickness for a render basecoat is 15 mm and 3 mm for a topcoat.

Render thicknesses greater than 20 mm must be built up in multiple coats. Each coating must be allowed to fully cure (1 day/mm thickness) and the surface well keyed before receiving the following coating. Adequate standing time is particularly important in low temperatures which slow down the curing process! Apply the render in two passes (fresh-in-fresh) on to substrates with high suction. Any dubbing coats or levelling coats should be compatible in strength. Each render coat should be ruled off flat with a straight edge, filling in undulations to produce a flat and even render layer.

On hardening the surface can be float finished or scraped with a grid float in tight circular motions in preparation for receiving decorative topcoat renders or tiles.

## Substrate

The substrate must be sound, stable and free from frost, dust, dirt and separating agents. The areas to be rendered must be well keyed and evenly dry.

Prepare smooth concrete surfaces with Baumit MultiContact MC 55 W. High suction substrates should be dampened with water or the render applied in two passes, fresh-in-fresh.

## ■ Further Information

Lightweight masonry with a thermal conductivity  $< 0.13 \text{ W(mK)}$  must be rendered with a lightweight renders (LW) in accordance with DIN EN 998-1. We recommend using our lightweight render product Baumit MP 69 or Baumit MP 69 Speed. For lightweight masonry with with a thermal conductivity  $< 0.10 \text{ W(mK)}$  and locations in exposure zones moderate, severe and very severe we recommend an additional reinforcement coating over the lightweight render coating.

For plinth areas and splash zones we recommend using our specialized lightweight plinth render Baumit LS 62.

Do not apply in direct sunlight, rain or wind and protect the finished work until fully cured. ( Scaffold nets)  
High humidity and low temperatures can significantly prolong curing times.

Observe the minimum standing time of 1 mm render thickness per day before applying further coatings and finishes.

Use stainless steel render beads and profiles. Do not fix with gypsum products.

Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.

Clean tools immediately after use with water.

During application and drying the ambient and substrate temperature must be maintained above  $+ 5 \text{ °C}$  and below  $+ 30 \text{ °C}$ .

Observe the guidelines in "Rendering onto masonry and concrete", DIN EN 998-1, DIN 18550 and DIN 18350 (VOB, Part C)

For further information regarding this product please consult with one of our field engineers/advisors who will be happy to give detailed advice relevant to your project.



## Baumit KZP 65 Lime-Cement Render

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid. You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.