



# Baumit **Kalkin Glätt W**

## Lime skim finish plaster

<b>Product</b>	Factory prepared according to EN 998-1. Universal, natural white dry powder lime based mortar for manual application in internal areas. Part of the Baumit <b>Kalkin</b> range of products for healthy living.	
<b>Intended use</b>	Fine skimming plaster for a smooth, matt surface finish onto wall and ceiling surfaces in all internal areas including domestic kitchens and bathrooms. Suitable substrates include lime and cement based renders, "no fines" concrete surfaces, renovation plasters and renders. Baumit <b>Kalkin Glätt W</b> is suitable for receiving paint. Not suitable for use onto gypsum based substrates, in designated wet rooms or onto areas reserved for tiling.	
<b>Composition</b>	Sand, white lime, small amount of white cement and additives to improve workability and adhesion.	
<b>Properties</b>	Open to water vapour diffusion and retention to balance room humidity levels. Easy to use with a smooth matt surface finish.	
<b>Technical data</b>	Designation:	CS I (EN 998-1)
	Aggregate size:	mostly stone dust
	Compression strength:	0.4 - 2.5 N/mm <sup>2</sup>
	Thermal conductivity $\lambda_{10,dry}$ :	$\leq 0,93$ W/mK (P = 90%, tabulated) $\leq 0,83$ W/mK (P = 50%, tabulated)
	Water vapour diffusion resistance $\mu$ :	ca. 10
	Capillary water absorption:	W 0 (EN 998-1)
	Water requirement:	ca. 8 - 9 l/20 kg sack
	Yield:	ca. 20 l/20 kg sack
	Consumption:	ca. 1 kg/m <sup>2</sup> /1 mm thickness
	TVOC 3d:	< 300 $\mu\text{g}/\text{m}^3$
	Formaldehyde 3d:	< 3 $\mu\text{g}/\text{m}^3$
<b>Health and safety</b>	Hazard label:	Xi irritant
	R-phrases:	R 36/38 Irritates the eyes and skin R 41 Risk of serious eye damage R 43 Contact with skin can cause sensitisation
	S-phrases:	S 2 Keep away from children S 24/25 Avoid contact with skin and eyes S 26 In case of eye contact, rinse with plenty of water and see medical assistance S 37/39 Wear suitable protective clothing and safety goggles
	Low Chromate content according to TRGS 613	
<b>Storage</b>	Store in dry conditions and protected on pallets for up to 6 months.	
<b>Packaging</b>	Sack 20 kg, 1 pallet = 48 Sacks = 960 kg	
<b>Quality assurance</b>	Continual monitoring and inspection of the quality of all raw materials upon reception. The manufacturer has a TÜV tested and certified Quality Management System in accordance with the international standard EN ISO 9001 and a TÜV tested and certified Environmental Management System in accordance with the international standard EN ISO 14001.	

**Substrate** Substrates must be sound, clean, dry, free from frost, dust efflorescence and not water repellent. Render basecoats must be flat with a finely floated or finely scraped surface. Smooth polished concrete surfaces should be prepared with a suitable Baunit contact mortar. Preparation and levelling coatings must be fully cured. High suction substrates should be dampened with water using a mist sprayer. The surface strength of fat lime plasters may not be sufficient to receive Baunit **Kalkin Glätt W**. Test on a small area to verify suitability. Do not apply onto gypsum coatings or products. Refer to Baunit Technical Support for further advice regarding preparation of substrates.

**Application** **Mixing:**  
Baunit **Kalkin Glätt W** powder is sprinkled into a tub of clean water and left to stand for 5 – 10 minutes and then mixed with an electric hand mixer to a lump free, creamy consistency.

**Application:**  
The **Kalkin Glätt W** is applied to the substrate and smoothed out flat in a full and even coat (1 - 2 mm thick) using a stainless steel trowel and left to harden (ca. 2 hours). A second coat of a wetter consistency is then applied and finished with the trowel to produce a smooth, flat and matt surface. Total thickness ca. 1 – 2 mm thick) Do not use water to aid finishing!

**Further information** 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.

This Product Data Sheet has been issued by:

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