

Baumit **Kalkin Glätt W**

Lime skim finish plaster

Product	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 Kalkin range of products for healthy living.																						
Intended use	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 Kalkin Glätt W is suitable for receiving paint. Not suitable for use onto gypsum based substrates, in designated wet rooms or onto areas reserved for tiling.																						
Composition	Sand, white lime, small amount of white cement and additives to improve workability and adhesion.																						
Properties	Open to water vapour diffusion and retention to balance room humidity levels. Easy to use with a smooth matt surface finish.																						
Technical data	<table border="0"> <tr> <td>Designation:</td> <td>CS I (EN 998-1)</td> </tr> <tr> <td>Aggregate size:</td> <td>mostly stone dust</td> </tr> <tr> <td>Compression strength:</td> <td>0.4 – 2.5 N/mm²</td> </tr> <tr> <td>Thermal conductivity $\lambda_{10,dry}$:</td> <td> ≤ 0.93 W/mK (P = 90%,tabulated) $\leq 0,83$ W/mK (P = 50%,tabulated) </td> </tr> <tr> <td>Water vapour diffusion resistance μ:</td> <td>ca. 10</td> </tr> <tr> <td>Capillary water absorption:</td> <td>W 0 (EN 998-1)</td> </tr> <tr> <td>Water requirement:</td> <td>ca. 8 - 9 l/20 kg sack</td> </tr> <tr> <td>Yield:</td> <td>ca. 20 l/20 kg sack</td> </tr> <tr> <td>Consumption:</td> <td>ca. 1 kg/m² /1 mm thickness</td> </tr> <tr> <td>TVOC 3d:</td> <td>< 300 $\mu\text{g}/\text{m}^3$</td> </tr> <tr> <td>Formaldehyde 3d:</td> <td>< 3 $\mu\text{g}/\text{m}^3$</td> </tr> </table>	Designation:	CS I (EN 998-1)	Aggregate size:	mostly stone dust	Compression strength:	0.4 – 2.5 N/mm ²	Thermal conductivity $\lambda_{10,dry}$:	≤ 0.93 W/mK (P = 90%,tabulated) $\leq 0,83$ W/mK (P = 50%,tabulated)	Water vapour diffusion resistance μ :	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 ² /1 mm thickness	TVOC 3d:	< 300 $\mu\text{g}/\text{m}^3$	Formaldehyde 3d:	< 3 $\mu\text{g}/\text{m}^3$
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Health and safety	A Material Safety Data Sheet is available on request.																						
Storage	Store in dry conditions and protected on pallets for up to 6 months.																						
Packaging	Sack 20 kg, 1 pallet = 48 Sacks = 960 kg																						
Quality assurance	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 Baumit 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 Baumit Kalkin Glätt W . Test on a small area to verify suitability. Do not apply onto gypsum coatings or products. Refer to Baumit Technical Support for further advice regarding preparation of substrates.																						

Application

Mixing:

Baumit **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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