

## PRODUCT DATA SHEET

# SikaWall®-165 KE

High performance, cementitious finish skimcoat for internal and external wall

### DESCRIPTION

SikaWall®-165 KE is a one component cementitious fine finishing coat for skimming on wall and ceilings. It's smooth finishing and good adhesion is suitable for internal and external application.

### USES

- Suitable for application on concrete surfaces, light-weight concrete slabs, precast panels, soffits, brick-walls, lightweight aerated blocks and rendered surfaces
- Suitable for both internal and external application

### CHARACTERISTICS / ADVANTAGES

- Provide a good fine surface finish on walls, ceilings, etc.
- Greater durability and flexibility
- Quick drying and easy to apply
- Thickness of the plaster can be varied to minimise wastage
- Non-combustible
- Non-cracking when applied at correct thickness and properly cured
- Easy to mix – just add water
- Good adhesion
- Water Resistant

### PRODUCT INFORMATION

Composition	Cementitious mortar
Packaging	20 Kg Bag
Appearance / Colour	White powder
Shelf life	12 months from the date of production
Storage conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight, rain and water.
Maximum grain size	0.2 mm

### TECHNICAL INFORMATION

Tensile adhesion strength	≥ 0.3 N/mm <sup>2</sup>	Adhesion fracture	(EN 1015-12)
Water absorption	Water absorption due to the capillarity action is as follows: W1 category (C ≤ 0.4 kg/m <sup>2</sup> .min0.5) (EN 1015-18)		
Mixing ratio	7.0 - 7.2 L of water per 20 kg bag		
Consumption	<ul style="list-style-type: none"> <li>▪ 1.1 - 1.2 kg/m<sup>2</sup>/mm</li> <li>▪ Dry powder</li> </ul> This may only serve as a guideline. It is highly recommended to carry-out		

trials on site to determine the actual coverage.

Layer thickness	0.7–2.5 mm
Fresh mortar density	1.60 - 1.70 kg/l

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Do not use SikaWall®-165 KE on painted or gypsum surfaces.
- Applications of SikaWall®-165 KE which are too thin can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications
- Applications of SikaWall®-165 KE on very porous or dry substrates can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

The substrate must be sound, clean, dry and free of all contaminants e.g. dirt, oils, grease, coatings, surface treatments, etc. If in doubt, apply a test area first. Dry concrete, render or SikaWall® surfaces must be prewetted before application.

### MIXING

SikaWall®-165 KE must be mixed with clean water at the site using a power drill whisk. Pour the required water into a suitable container then add SikaWall®-165 KE while stirring continuously until a smooth consistency is achieved. Allow mixture to stand for a few minutes. Mix again and the plaster is ready for use.

## APPLICATION

SikaWall®-165 KE is applied either by hand with a steel trowel or spatula. The coat is then levelled off to a smooth surface with a steel trowel. Ensure that the applied coat has hardened before application of subsequent coats.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be removed mechanically.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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### Product Data Sheet

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