

PRODUCT DATA SHEET

SikaWall®-160 Plaster

High performance cementitious coarse render

DESCRIPTION

SikaWall®-160 Plaster is a durable, high quality cementitious prepacked mortar specially formulated for plastering work on concrete surfaces, brickwalls and blockwalls, both internally and externally.

USES

SikaWall®-160 Plaster is designed for plastering on concrete surfaces, brickwall, blockwall and lightweight autoclaved aerated blocks. It is recommended for use as joint mortar for brickworks, blockworks and bedding to receiving wall tiles. It is suitable for internal and external applications.

CHARACTERISTICS / ADVANTAGES

- Provides good bond strength to the substrates
- Greater durability and flexibility
- Convenient in handling, mixing and application
- Thickness of the plaster can be varied to minimise wastage
- Non-combustible
- Non-cracking when applied at correct thickness and properly cured

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 25 kg bag ▪ 40 kg bag
Appearance / Colour	Grey powder
Shelf Life	6 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	4.5 mm

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 0.5 N/mm ²	(EN 1015-12)
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APPLICATION INFORMATION

Mixing Ratio	Packaging	Water consumption per bag
	25 kg	3.4–4.0 L
40 kg	6.4–6.6 L	
Fresh Mortar Density	1.7–1.8 kg/l	

Consumption	1.4–1.5 kg/m ² /mm * Dry powder * This may only serve as a guideline. It is highly recommended to carry-out trials on site to determine the actual coverage.
Layer Thickness	5–15 mm per layer of application

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.

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.

IMPORTANT CONSIDERATIONS

- Do not use SikaWall®-160 Plaster on gypsum surfaces.
- Applications of SikaWall®-160 Plaster which are too thin can result in a chalky finish that is unsuitable for subsequent applications.
- Applications of SikaWall®-160 Plaster on very porous or dry substrates can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Surface should be structurally sound, clean, free from oil, grease, dust deposits and other contaminants that may affect adhesion. Dry and porous substrates should be dampened before application of SikaWall®-160 Plaster.

MIXING

Add clean water to SikaWall®-160 Plaster and mix thoroughly using a hand-held or mechanical mixer for 3–5 minutes until a homogenous lump-free paste is achieved. Allow mixture to stand for a few minutes for additives to dissolve and mix is ready for use.

APPLICATION

Apply SikaWall®-160 Plaster onto moist, clean substrate using a wooden/steel float or steel trowel while the mix is still workable. It can be applied at a recommended thickness of 5–15 mm per layer of application and up to a total build-up thickness of 30 mm. Ensure that each layer has hardened before applying the subsequent layer.

CLEANING OF TOOLS

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

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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