

PRODUCT DATA SHEET

SikaWall®-135 Plaster

HIGH PERFORMANCE, CEMENTITIOUS RENDER AND BLOCK ADHESIVE

DESCRIPTION

SikaWall®-135 Plaster is a durable, high quality cementitious, fiber reinforced prepacked mortar specially formulated for plastering work on concrete surfaces, brick walls and block walls, also as masonry mortar for many types of building bricks elements both internally and externally.

USES

SikaWall®-135 Plaster is designed for :

- Plastering on concrete surfaces, brick wall, block wall and lightweight autoclaved aerated blocks.
- Used for rendering of thermal insulation boards with grid embedding .
- It can Be used as mounting mortar for regular/hollow blocks and bricks .

CHARACTERISTICS / ADVANTAGES

- Provides superior bond strength to the substrates.
- Greater durability and flexibility
- Easy to apply and to embed the reinforcing mesh
- Thickness of the plaster can be varied to minimize wastage
- Non-combustible
- Non-cracking when applied at correct thickness and properly cured
- Easy to mix – just add water
- Very Good adhesion on thermal insulation boards (EPS, XPS, etc.)

PRODUCT INFORMATION

Packaging	25 kg bags
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage conditions	In dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight.

Appearance and Colour	Grey powder
Maximum grain size	2 mm

TECHNICAL INFORMATION

Compressive strength	W/P ratio = 0.17 (4.25 L water / 25 kg) 28 days ~20 MPa *Testing cubes 50 x 50 x 50 mm	(ASTM C109)
Tensile adhesion strength	≥ 0.5 N/mm ²	(EN 1015-12)

APPLICATION INFORMATION

Mixing ratio	4.0 - 4.5 L of water per 25 kg bag
Consumption	For Plastering application : 2 – 2.2 kg/m ² /mm For Masonry application : 5 kg /1 m length /10 mm thickness * This may only serve as a guideline. It is highly recommended to carry-out trials on site to determine the actual coverage.
Layer thickness	4–10 mm per layer of application .
Pot Life	Wet Mix Life > 1 hr.

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

- Applications of SikaWall®-135 Plaster which are too thin can result in a chalky finish that is unsuitable for subsequent applications.
- Do not use SikaWall®-135 Plaster on gypsum surfaces unless using one of the suitable bonding method as below :
 1. Applying 2 Coats of SikaPrimer-10
 2. Using Combination of OPC with SikaLatex 1:1 , mixed & painted on desired surface .

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 / 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®-135 Plaster.

MIXING

Add clean water to SikaWall®-135 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®-135 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 4–10 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 EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened / cured material can only be mechanically removed.

LOCAL RESTRICTIONS

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

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 cur-

rent 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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