

PRODUCT DATA SHEET

SikaWall®-161 RenoFine

HIGH PERFORMANCE CEMENTITIOUS FINE PLASTER

DESCRIPTION

SikaWall®-161 RenoFine is a high-performance, pre-mixed cementitious plaster designed for faster setting and easier application on-site. It is formulated using Ordinary Portland Cement, well-graded sands, approved recycled materials, and specialized chemical additives to deliver excellent workability and strong adhesion. This advanced composition minimizes shrinkage cracks and ensures a durable finish on concrete and brick/block surfaces.

USES

SikaWall®-161 RenoFine is a highly versatile material, ideal for bedding and pointing brickwork and blockwork, providing backing and bedding for wall tiles, as well as for internal and external plastering applications.

SikaWall®-161 RenoFine is suitable for application on many types of substrates, including reinforced concrete wall, precast wall, brickwall, blockwall, light-weight autoclaved aerated blocks (ALC/AAC), etc.

CHARACTERISTICS / ADVANTAGES

- Consistent quality as it is premixed in factory
- Ease of logistics as product is pre-packed
- Faster setting time for easier application on-site
- Ease of application with only the addition of water
- High bonding strength and durability with special chemical additives
- Very good resistance to weathering

PRODUCT INFORMATION

Packaging	40 kg/bag
Appearance / Colour	Grey Powder
Shelf Life	12 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight and frost.

TECHNICAL INFORMATION

Tensile Adhesion Strength	$\geq 0.75 \text{ N/mm}^2$	(BS EN 1015 : 12 : 2000)
Water retention	$\geq 95 \%$	(BS 4551 : 2005 + A1 2010)

APPLICATION INFORMATION

Mixing Ratio	5.6 – 6.6 ltr of water to 40 kg bag
Consumption	$\sim 22 - 26 \text{ m}^2 / \text{mm} / 40 \text{ kg bag}$

Layer Thickness	Maximum 15 mm thick / layer of application		
Pot Life	~ 60 minutes after mixing		
Setting Time	1.0 N/mm ²	240 - 360 mins	(BS EN 1015 - 9 : 1999)
	2.0 N/mm ²	≤ 500 mins	

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

SikaWall®-161 RenoFine is not suitable for structural repairs to level structural mis-alignment as it is not a concrete repair material.
Do not add water beyond the maximum allowable limit during mixing as excessive water can lead to shrinkage cracking.
When the mortar has stiffened in the mixing container, do not add more water to make it workable as this may cause shrinkage cracking.

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

SURFACE PREPARATION

Remove all dust, oil or traces of foreign materials. Dampen the dry concrete or plastered surface before application of SikaWall®-161 RenoFine. If the concrete surface is out of alignment, use a structural repair mortar to repair and level the surface before commencing plastering.
It is highly recommended to apply a layer of slurry bonding coat (1 part SikaLatex®-88 Reno to 2 parts SikaWall®-161 RenoFine) on the substrate and leave it to cure and harden for 1 day before applying the 1st layer of SikaWall®-161 RenoFine.

MIXING

Mix thoroughly using an electrical mixer or a paddle mixer for 3 to 5 minutes until the desired homogeneous mortar paste is achieved. Ensure the mix is free from lumps before use.

APPLICATION

With a steel trowel, spread SikaWall®-161 RenoFine onto the wall and press the mortar up to a maximum thickness of 15 mm for each layer. If multiple layers are required, ensure that the previous layer is dry before applying the next layer.

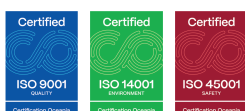
CURING TREATMENT

In hot ambient temperature, the plaster should be cured with water spray during the first 2 days, for better shrinkage control.

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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