

PRODUCT DATA SHEET

SikaWall®-161 Fine Plaster

(formerly Davco® Fine Plaster ECO)

HIGH QUALITY PREMIXED CEMENTITIOUS FINE PLASTER



DESCRIPTION

SikaWall®-161 Fine Plaster is a premixed cementitious wall plaster comprising of Ordinary Portland Cement, graded sands, approved recycled materials and chemical additives.

SikaWall®-161 Fine Plaster is specially formulated for better adhesion strength and to reduce shrinkage cracks, giving superior bonding to concrete substrates and brick/block wall surfaces.

SikaWall®-161 Fine Plaster is certified by the Eco-labelling authority in Singapore as a sustainable building material.

USES

SikaWall®-161 Fine Plaster is an extremely versatile material, highly recommended for bedding, pointing brickwork and blockwork, backing and bedding for wall tiles, and for both internal and external plastering.

SikaWall®-161 Fine Plaster can be used for all types of concrete substrate, lightweight autoclaved aerated blocks, brickwall and blockwall.

CHARACTERISTICS / ADVANTAGES

- Premixed to ensure good consistent quality
- Prepacked for convenience in handling
- Mixing and application made easy
- High bonding strength
- Good weather resistance and high durability

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 4098

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	~ 22 – 26 m ² / mm / 40 kg bag		
Layer Thickness	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 Fine Plaster is not suitable for structural repairs to level structural mis-alignment as it is not a concrete repair material.

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 Fine Plaster. If the concrete surface is out of alignment, use a structural repair mortar to repair and level the surface before commencing plastering.

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

SikaWall®-161 Fine Plaster is applied using a steel trowel or spraying machine. Spread and press the mortar up to a maximum thickness of 15 mm for each layer. For multiple layers, ensure 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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