

PRODUCT DATA SHEET

SikaWall®-166 RenoPlast

(formerly Davco® RenoPlast)

PREMIXED COARSE MORTAR PLASTER



DESCRIPTION

SikaWall®-166 RenoPlast is a high quality, premixed cementitious plaster that is specially blended for use on wall surfaces.

SikaWall®-166 RenoPlast is suitable for internal and external rendering onto all types of concrete substrate and brickwork surfaces. Its durability and adhesion can be further enhanced with the addition of SikaLatex®-88 Reno or other recommended Sika Primer.

USES

SikaWall®-166 RenoPlast is suitable for bedding, pointing brickwork and blockwork, backing and bedding for wall tiles.

SikaWall®-166 RenoPlast can be used for all types of concrete substrate, lightweight autoclaved aerated blocks, brickwall and blockwall.

CHARACTERISTICS / ADVANTAGES

- Good workability
- High bonding strength
- Mixing and application made easy
- Premixed to ensure good consistent quality
- Good weather resistance and high durability

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 4913

PRODUCT INFORMATION

Packaging	40 kg/bag
Colour	Grey
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.
Effective Thickness	≤ 15 mm thick per layer of application
Maximum Grain Size	< 5.5 mm
Consistency	Homogeneous mortar paste

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 0.75 N/mm ²	(BS EN 1015 - 12)
Water retention	≥ 95%	(BS 4551 : 2005 + A1 : 2010)

APPLICATION INFORMATION

Mixing Ratio	5.6 – 6.6 ltr of water per 40 kg bag		
Consumption	22 – 26 m ² / mm / 40 kg bag		
Pot Life	60 minutes		
Setting Time	Stiffening Time		
	1.0 N/mm ²	≤ 360 mins	(BS EN 1015 - Part 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.

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®-166 RenoPlast.

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®-166 RenoPlast is applied using a steel trowel or spraying machine. It will remain workable for approximately 60 minutes after mixing.

CURING TREATMENT

In hot ambient temperature, the plaster should be cured with water spray for the first few days, to prevent rapid moisture loss and 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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