

PRODUCT DATA SHEET

SikaScreed®-138 Reno

(formerly Davco® RenoScreed ECO)

REPAIR SCREED FOR RENOVATION OF WORN OUT FLOORS



DESCRIPTION

SikaScreed®-138 Reno is a fast and easy-to-install cementitious screed that is premixed in factory for excellent quality control. It is ideal for the repair of old worn-out substrates in interior areas, providing a strong, durable and level substrate for laying of tiles in any renovation work.

USES

SikaScreed®-138 Reno can be used for internal screeding in residential and commercial applications.

CHARACTERISTICS / ADVANTAGES

- Environmentally friendly and non-toxic.
- Premixed to ensure good consistent quality and mix.
- Easy to use by simply adding water.
- Prepacked for convenience in handling.

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 3501

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.
Density	2,000 ± 100 kg/m ³ (Wet)
Maximum Grain Size	5 mm

TECHNICAL INFORMATION

Compressive Strength	25 to 40 N/mm ²	(ASTM C109 : 2016a)
Tensile Strength in Flexure	> 2 N/mm ²	(ASTM C348 : 2014)
Shrinkage	No crack	(Continho Ring)
Water retention	> 90	(BS 4551 : 2005 + A2 : 2013)

APPLICATION INFORMATION

Mixing Ratio	3.5 - 6.0 ltr of water		
Consumption	2.2 - 2.5 m ² / 10 mm thick / 40 kg bag		
Layer Thickness	10 - 40 mm per layer		
Pot Life	40 minutes after mixing		
Setting Time	1 N/mm ²	≤ 6 hrs	(BS EN 1015 : Part 9 : 1999 (Method A))
	2 N/mm ²	≤ 7 hrs	

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

Organic matters are naturally occurring in sand, a major raw material of SikaScreed®-138 Reno.

When used as a final finish, it is normal for the floor screed to have some stains and blemishes on the surface, coming from these organic matters.

They have no effect on the surface and will disappear over time with wear and usage of the floor area.

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 PREPARATION

Remove all dust, oil and debris. Dampen the dry concrete surface before application of SikaScreed®-138 Reno.

For old worn out substrate, the surface should be hacked off and primed with bonding agent before applying SikaScreed®-138 Reno.

MIXING

Mix with a site drum mixer for 3 - 5 minutes until the desired homogeneous mix is achieved. Ensure that it is free of lump before use.

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APPLICATION

Ensure that the substrate is damp and clean without any ponding water. A bonding slurry coat should be applied before screeding and it consists of 1 part of SikaLatex®-751 or SikaLatex®-1000 mixed with approximately 0.5 to 1 part of SikaScreed®-138 Reno. A site trial can be conducted if necessary to ensure that the consistency of the slurry coat is suitable. The mixed SikaScreed®-138 Reno mortar is then poured onto the slurry coat wet-on-wet. Compact and finish the screed in accordance to standard practice using a suitable float or trowel.

CURING TREATMENT

In hot ambient temperatures and windy environment, the screed should be cured with water spray for at least 3 day or cure with appropriate curing compound to prevent rapid or excessive moisture loss and surface from cracking.

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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