

PRODUCT DATA SHEET

SikaCeram[®]-88 Reno

(formerly Davco[®] Renofix ECO (RF 188))

CEMENTITIOUS, SANDED TILE ADHESIVE



DESCRIPTION

SikaCeram[®]-88 Reno is a cementitious, sanded tile adhesive that is ideal for the installation of ceramic and homogeneous tiles onto floor and wall. SikaCeram[®]-88 Reno is formulated with approved recycled material to lower its embodied carbon footprint.

USES

- SikaCeram[®]-88 Reno is used for the installation of absorptive and non-absorptive wall and floor tiles for interior and exterior surfaces.
- For the installation of non-absorptive tiles including heavy duty tiles, marbles and granite, use SikaCeram[®]-88 Reno with mortar additives.

- Suitable substrate include masonry, concrete, portland cement mortar, cured conventional wall and floor setting beds, brick, ceramic tile, terrazzo and marble.
- Do not use directly over wood, masonite, plastic board, paint, asphaltic or chemically treated surfaces.

CHARACTERISTICS / ADVANTAGES

- Environmentally friendly and non-toxic.
- Economical and easy to use.
- Better quality control as all ingredients are batched in the factory and prepacked.
- Improved durability and upgraded performance when added with mortar additives, e.g. SikaLatex[®]-88 Reno

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 3502

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	1.5 kg / litre

TECHNICAL INFORMATION

Tensile Adhesion Strength	$\geq 0.5 \text{ N/mm}^2$	(under lab condition)
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APPLICATION INFORMATION

Mixing Ratio	<ul style="list-style-type: none">▪ For absorptive wall and floor tiles, mixing ratio is 40kg of SikaCeram®-88 Reno to approximately 10.4 – 11.6 litres of water.▪ For non absorptive wall and floor tiles, mix 40kg of SikaCeram®-88 Reno with approximately 10.4 – 11.6 litres of SikaLatex®-88 Reno, (diluted 1:1 with water by volume,) for enhanced bond strength.
Consumption	Using 6 mm x 6 mm notched trowel, approximately 3.5 kg/m ² . Using 12 mm x 12 mm notched trowel, approximately 7.0 kg/m ² . Using 20 mm x 20 mm notched trowel, approximately 11.9 kg/m ²
Pot Life	1 hours
Open Time	Up to 15 minutes @ 25 °C
Curing Time	24 hours

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

Substrate must be clean, sound, dust-free and free of all traces of oil, grease, wax and other contaminants. Substrate must not be running with water, or frozen. Newly rendered surfaces must be allowed to sufficiently cure before commencement of tiling. Very porous surfaces should be primed with Sikalastic®-500 Acrylic Primer AP.

APPLICATION

- Spread the adhesive onto the substrate using either a 6 mm x 6 mm to 12 mm x 12 mm notched trowel for wall tiling, or a 12 mm x 12 mm to 20 mm x 20 mm notched trowel for floor tiling.
- The choice of the trowel should be governed by the size of the tiles, depth of knobs, grooves or ridges on the back of the tiles and the evenness of the substrate.
- A 6 mm x 6 mm notched trowel is recommended for mosaic tiles.
- Thicker bed of adhesive allow for better contact to the substrate as well as picking up unevenness especially in the case of slates.
- Spread approximately 1.2 - 1.5 m² at one time.
- Ensure that the adhesive is wet when the tiles are laid and tapped into position to ensure positive contact with the adhesive.
- Ensure that there are no voids under the tiles.
- Do not allow the adhesive to skin over prior to tiling.
- It is important to butter coat the back of the tiles to improve adhesion and avoid hollowness especially for large format tiles and tiles with grooves and ridges.
- Press tile firmly and immediately with a twisting action into freshly combed mortar.
- Tap and beat tile into place to obtain 100 percent contact between tile and mortar bed with no voids in the mortar.
- Obtaining full contact with rib-backed tile require back-buttering a layer of mortar on back of each tile prior to placing on the mortar bed.

GROUTING AFTER TILE INSTALLATION

Wait at least 24 hours before grouting. Do not grout if tiles still moves (see SikaCeram®-658 Coloured Grout CFG) data sheet for proper procedure to grouting.

CLEANING OF TOOLS

Clean tools and equipment with water before the product sets.

LOCAL RESTRICTIONS

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

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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