

PRODUCT DATA SHEET

SikaCeram[®]-288 Super TTB(formerly Davco[®] Super TTB)

PREMIUM GRADE FLEXIBLE CEMENT-BASED TILE ADHESIVE WITH ANTI-SLIP (C2S1E)



DESCRIPTION

SikaCeram[®]-288 Super TTB is a premium grade, flexible, tile adhesive for fixing of vitrified, porcelain, monocuttura, marble, slate and ceramic tiles. SikaCeram[®]-288 Super TTB is classified as C2S1E when tested in accordance to BS EN 12004-2 : 2017.

USES

- Used for external pavers, tiles or stones subject to traffic.
- Installation of tiles on drywall, concrete, cement render and concrete blockwork and rendered brickwork.
- Can be used in both interior and exterior application.

CHARACTERISTICS / ADVANTAGES

- Its anti slip property enables easy installation of tiles on walls in both interior and exterior applications.
- Highly water resistant, for wet areas such as concrete swimming pools and spas.
- Non-corrosive, non-toxic and resistant to chemicals.

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 4033

PRODUCT INFORMATION

Packaging	25 kg/bag
Colour	▪ Grey ▪ White
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 ± 0.1 kg/ltr

TECHNICAL INFORMATION

Tensile Adhesion Strength	28 days	≥ 1.0 N/mm ²	(BS EN 12004 - 2 : 2007)
	7 days after water immersion	≥ 1.0 N/mm ²	
	14 days after heat ageing	≥ 1.0 N/mm ²	
Slip Resistance	≤ 0.5 mm		(BS EN 12004 : 2007)

APPLICATION INFORMATION

Mixing Ratio	~ 6 - 7 ltr of liquid / 25 kg of SikaCeram®-288 Super TTB	
Consumption	6 mm x 6 mm notched trowel	3.5 kg/m ²
	12 mm x 12 mm notched trowel	7.0 kg/m ²
	20 mm x 20 mm notched trowel	11.9 kg/m ²
Pot Life	45 minutes	
Open Time	Up to 30 minutes	(@ 25 °C)
Contact Time	Trafficable After 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.

LIMITATIONS OF USE

- Not suitable for moisture sensitive stone, please use SikaCeram®-277 Rapidbond instead.
- Do not allow the adhesive to skin prior to laying the tiles. If the adhesive skins remove and dispose of it, then re-apply fresh adhesive.
- Do not apply in temperatures above 35 °C or below 10 °C. In cool and / or humid conditions, allow longer setting times.

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

All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax and other contaminants. Painted surfaces must be scabbled to expose at least 75% of clean surface. Expansion joints coinciding with joints in the substrate should be incorporated at the design stage at a maximum of 5 m spacings and must not be tiled over.

Newly rendered surfaces must be allowed to cure for at least 7 days. Very porous surfaces should be primed with a primer such as Sikalastic®-500 Acrylic Primer AP. Steel trowel finished concrete must be acid-etched or wire-brushed prior to tiling.

MIXING

Add SikaCeram®-288 Super TTB to a pail of clean water, mixing constantly until a thick creamy consistency is achieved. Allow the mixture to stand for 5 -

10 minutes, remix, then use the adhesive.

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 can be used to lay mosaic tiles.

Spread approximately 1.2 - 1.5 m² at one time. Ensure that there are no voids under the tiles.

APPLICATION METHOD / TOOLS

Grouting after tile installation

Grouting should preferably be carried out at least 24 hours after the completion of tiling.

For grout joints up to 4 mm wide use SikaCeram®-658 Coloured Grout CFG.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

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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