

PRODUCT DATA SHEET

SikaCeram[®]-262 Ultraflex

(formerly Davco[®] Ultraflex)

HIGH PERFORMANCE FLEXIBLE CEMENTITIOUS TILE ADHESIVE (C2S2TE)

DESCRIPTION

SikaCeram[®]-262 Ultraflex is a premium grade, polymer-modified, flexible cement-based tile adhesive, specifically formulated to bond many types of tiles onto a wide variety of substrates.

It is suitable for tiling of natural stones and tiles to facades, terrace and balconies.

USES

- SikaCeram[®]-262 Ultraflex's anti-slip property enables it to be used on both walls and floors in interior and exterior applications.
- Recommended for the thin bed fixing of almost all types of tiles.

- Can be used to lay tiles onto concrete, cement render, drywall, plasterboard, fibrous cement sheeting, and particular waterproofing membranes.
- Suitable for tiling over timber floors, provided that a fibrous cement sheet underlay is installed.

CHARACTERISTICS / ADVANTAGES

- Flexible, allowing it to be used over substrates that are subject to minor vibration and thermal movement.
- Highly water resistant, making it ideal for bonding on substrates in ponds, tanks and swimming pools.
- High bond strength and high deformability makes it an extremely versatile product, enabling the bonding of natural stones of reduced porosity, and tiling to new or old substrates.

PRODUCT INFORMATION

Packaging	25 kg/bag
Appearance / Colour	Off White & 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	1.3 ± 0.1 kg / ltr

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 2.0 N/mm ²	@ 28 days	(BS EN 12004-2 : 2017)
	≥ 1.0 N/mm ²	After water immersion	
	≥ 1.0 N/mm ²	After heat ageing	
Transverse deformation	≥ 5mm		(BS EN 12004-2 : 2017)

APPLICATION INFORMATION

Mixing Ratio	5.5 - 6.5 ltrs of water / 25 kg bag
Consumption	25 kg bag will cover approximately 6.0 - 6.75m ² using a 6mm x 6mm notched trowel.
Pot Life	1 hr
Open Time	≥ 30 minutes (@ 25°C)

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

SUBSTRATE PREPARATION

- All surface must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds and other loose or contaminating materials.
- Painted surfaces must be scabbled / abraded to expose at least 80% of the original substrate.
- Newly rendered / screeded surfaces must be allowed to cure for at least 7 days and have a wood float finish.
- Old rendered / screeded surfaces must be thoroughly cleaned prior to tiling and have a wood float finish.
- New concrete must be allowed to cure for 6 weeks and should have a wood float finish.
- Steel trowel finished concrete must be acid etched or mechanically abraded prior to tiling.
- Old concrete surfaces must be thoroughly cleaned prior to tiling. Make sure all release agents are removed from concrete surfaces, especially on tilt-up slabs.
- All surfaces, particularly porous surfaces should initially be primed/sealed using Sikalastic®-500 Acrylic Primer AP.

MIXING

Add SikaCeram®-262 Ultraflex to a bucket of clean water mixing constantly until a thick creamy consistency is achieved.

Allow the mixture to stand for 5 - 10 minutes, and re-mix before use.

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.

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.

For dual bonding, follow the above-mentioned instructions, after buttering the underside of the tile.

Ensure 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.

Grouting after tile installation

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

Slowly add the grout powder, stirring continuously until a lump-free, toothpaste consistency is achieved.

Using a rubber float or squeegee, work the grout paste deep into the joints, making sure the grout is not just sitting on top.

Remove excess grout from the surface of the tiles with the float or squeegee using a diagonal motion to avoid dislodging the embedded grout.

A primary clean up should be done by wiping with a damp cloth or sponge.

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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