

PRODUCT DATA SHEET

Davco DUSTLESS PREMIUM TILE ADHESIVE

Premium Grade, Thick and Thin bed, Cement-based Tile Adhesive

DESCRIPTION

Davco® Dustless Premium Tile Adhesive is a premium cement based tile adhesive that passes the PNS ISO 13007:2014 requirement for C2TS1. It is formulated to provide higher coverage, easier application and high bond strength.

USES

Davco DUSTLESS PREMIUM TILE ADHESIVE may only be used by experienced professionals.

Davco® Dustless Premium Tile Adhesive is suitable for porous and non-porous tiles i.g glass mosaics, glazed glass ceramics, granite, slate and natural stones.

- Walls and floors. Interior and exterior application.
- Concrete, cement renders/ screeds, block work, rendered brickwork and mortar leveling.
- Smooth and even lightweight concrete block or thick bed application to level uneven parts.
- Waterproofing membranes and immersed areas especially swimming pools.

CHARACTERISTICS / ADVANTAGES

- High bond strength
- Can be used for tile on tile application
- Easy to use, just mix with water

PRODUCT INFORMATION

Chemical Base	Cement, selected aggregates and additives.		
Packaging	25kg		
Shelf Life	12 months from date of production if stored properly		
Storage Conditions	Store properly in unopened and undamaged original sealed containers protected from direct sunlight & moisture at temperatures between +10°C and +35°C.		
Tensile Adhesion Strength	Days	MPa	PSI
	7	1.0 - 1.2	145 - 174
	28	1.2 - 1.5	174 - 218

APPLICATION INFORMATION

Mixing Ratio	5-6 L of water per 25 kg bag, until a lump free, creamy consistency is achieved. Working Temperature: 10°C to 35°C.
Consumption	Using 6 mm x 6 mm notched trowel, approx. 6-7 sq.m. per 25 kg bag Using 10 mm x 10 mm notched trowel, approx. 5-6 sq.m. per 25 kg bag.
Open Time	20 minutes

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

NOTES ON INSTALLATION

Grouting should preferably be carried out at least 24 hours after the completion of tiling. For best results use Davco Standard Tile Grout.

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be structurally sound, dry, clean and free from movement, oil, grease wax, curing compounds and other loose contaminating materials.

- New concrete must be allowed to cure for 28 days.
- Newly rendered surface must be allowed to cure at least 7 days.
- Steel trowel finished surfaces must be acid etched or wire-brushed prior to tiling.
- For old concrete and rendered surfaces, a strong commercial grade detergent or degreaser must be used to clean the surface to be used. Then, thoroughly remove detergent/degreaser with fresh water using high - pressure hose.
- All surfaces must be dry for at least 24 hours prior to tiling (no moisture inside), but the surface must be dampened using a sponge or cloth before application.
- Ensure all release agents are removed from concrete surfaces, especially tilt - up slabs.

MIXING

Add one 25kg bag of Davco® Dustless Premium Tile Adhesive to approximately 5 to 6 liters of clean water, mixing continuously until a lump-free, creamy consistency is achieved.

APPLICATION

Allow the mix to stand for 1 - 2 minutes; remix then use the adhesive. Spread the adhesive onto the substrate using either a 6mm x 6mm notched trowel for wall tiling, or 10mm x 10mm notched trowel for floor tiling. The choice of trowel should be determined by the size of the tiles, depth of knobs, grooves or ridges on the back of the tile and evenness of the substrate.

- 6mm x 6mm 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.
- For tiles with deep grooves or ridges, such as slate or lugged backed tiles, the adhesive should be butter coated onto the back of the tiles in addition to being notched - trowelled onto the substrate.
- Do not spread more than 1 m² / sqm of adhesive at a time. Ensure that the adhesive is wet when the tiles are laid and tapped into position to ensure that there are no voids under the tiles.
- Install tiles within the duration of the open time.
- Do not disturb or walk-on tiles until they are laid for 24 hours from the installation within.

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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