



# SUPER TTB (TK)

## PREMIUM GRADE, FLEXIBLE, CEMENT BASED TILE ADHESIVE

Classification: C2S1TE (BS EN 12004:2007)



ECO FRIENDLY



LOW CARBON  
FOOTPRINT



FLEXIBLE

### DESCRIPTION

Davco Super TTB (TK) is a premium grade, flexible, thick bed tile adhesive for fixing of vitrified, porcelain, monocuttura, marble, slate and ceramic tiles.

Davco Super TTB (TK) is specially formulated for installations where unevenness of the substrate or tiles requires application layers up to 30mm thick. It is ideal for installing uneven slate, tiles with deep recessed backs, large homogeneous tiles, as it allows proper contact of the adhesives to the substrate.

Davco Super TTB (TK) is classified as C2S1TE when tested in accordance to BS EN 12004:2007.

### 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, in both interior and exterior application.

### ADVANTAGES

Its high bonding performance enables secure installation of reduced porosity stones and tiles on to various substrates in both interior and exterior applications.

Its deformability makes it resistant to thermal shock

Highly water resistant, for wet areas such as concrete swimming pools and spas.

Non-corrosive, non-toxic and resistant to chemicals.

### TECHNICAL DATA

Appearance	Grey or White powder
Specific Density	1.7 ± 0.1 kg/litre
Tensile Adhesion Bond Strength BS EN 12004:2007	
@ 28 days	≥ 1.0 N/mm <sup>2</sup>
@ 7 days after water immersion	≥ 1.0 N/mm <sup>2</sup>
@ 14 days after heat ageing	≥ 1.0 N/mm <sup>2</sup>
Open Time @ 25°C	Up to 30 minutes
Transverse Deformation BSEN 12004:2007	2.5mm
Slip Resistance BS EN 12004:2007	≤ 0.5 mm
Pot Life	45 minutes
Trafficable	After 24 hours

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### SURFACE 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 metre 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 Davco 124 Ultraprime. Steel trowel finished concrete must be acid-etched or wire-brushed prior to tiling.

BUILDING TRUST





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## MIXING

Add Davco Super TTB (TK) to liquid component, mixing constantly until a thick, creamy consistency is achieved.

Mixing ratio is 25kg of Davco Super TTB (TK) powder to approximately 4.2 - 4.75 litres of water.

Allow the mixture to stand for 10 minutes, remix, then use the adhesive.

## APPLICATION

The adhesive should also be buttered onto the back of the tile as well for proper adhesion and support.

The thickness of the adhesive should be 10mm but less 30mm.

Tap the tiles in place and ensure that there are no voids under the laid tiles.

## Grouting after tile installation

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

For grout joints up to 4mm wide use Davco Sanitized® Coloured Grout ECO (CFG).

For grout joints above 4mm wide use Davco Sanitized® Colorfiller 80.

## PACKAGING

Available in 25 kg bag.

## COVERAGE

Coverage varies according to surface conditions and the build up required.

As an approximate guide,

15mm thicknss : 21.4 kg/m<sup>2</sup>

20mm thicknss : 28.6 kg/m<sup>2</sup>

25mm thicknss : 35.7 kg/m<sup>2</sup>

30mm thicknss : 42.9 kg/m<sup>2</sup>

## PRECAUTIONS

Davco Super TTB (TK) is not suitable for moisture sensitive stone. Use of Davco 2-Part Rapid is recommended 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.

For winter application consult with manufacturer on suitability.

## SHELF LIFE

Shelf life of up to 12 months in unopened bags, when stored in a cool dry elevated position.

## CLEANING

Davco Super TTB (TK) adhesive and tools can be cleaned with water while the adhesive is still wet.

## HEALTH & SAFETY

This product contains cement which may cause dermatitis. It is recommended to use protective gloves during handling. If skin irritation occurs, seek medical attention promptly. Refer to safety data sheet.

### Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website [www.sika.com.sg](http://www.sika.com.sg)

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