



FLEXIBLE CTA

READY TO USE FLEXIBLE TILE ADHESIVE



ECO FRIENDLY



CEMENT FREE



READY TO USE

DESCRIPTION

A premium grade, one component, flexible, thin bed, internal wall tile adhesive. It is ready for use directly out of the container.

USES

- Used for the thin bed fixing of all types of ceramic & marble wall tiles.
- Used on concrete, cement render, plasterboard and fibre cement wall.

ADVANTAGES

- A flexible adhesive which can accommodate movement in the building boards.
- Premixed and can be used directly out of the container.
- Being white, Davco Flexible CTA can be used to lay marble and translucent ceramic tiles without the risk of the adhesion colour showing through.
- As Davco Flexible CTA is acrylic based, it is non-hazardous.
- Davco Flexible CTA surpasses the Australian Standard AS2358-1990.

SURFACE PREPARATION

All surfaces should 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.

TECHNICAL DATA

Conforms with AS 2358-1990, BS 5980-1980, ANSIAA 118.1 – 1985

| | |
|-----------------------------|-----------------|
| Appearance | : White paste |
| Adhesion to Concrete | : > 0.5 Mpa |
| Modulus of Elasticity | : 0.07 Mpa |
| Shear Bond Strength 28 days | : 3.4 Mpa |
| Working time at 20°C | : 20-30 minutes |
| Drying time at 20°C | : 24 hours |
| Tensile strength 28 days | : 0.40 Mpa |

*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.

BUILDING TRUST





FLEXIBLE CTA

MIXING & APPLICATION

Use a 6mm x 6mm notched trowel for the installation of the flat backed tiles up to 150mm x 150mm.

For the installation of wall tiles larger than 150mm x 150mm, or tiles with ribs, use a 10mm x 10mm notched trowel.

Using the appropriate notched trowel, spread approximately 0.5m² of Davco Flexible CTA at a time.

Press tiles firmly into position before the adhesive skins. Ensure that the tiles are well bedded and that no voids occur under the tiles.

Tiles with lugs and grooves must be butter coated before bedding in adhesive.

GROUTING

Grouting should not be carried out for at least 24 hours after 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.

To increase water resistance, durability and enhance the colour of the grout, use Davco CFG Additive instead of water.

COVERAGE

One litre of Davco Flexible CTA covers approximately 1m² per 1mm thickness.

CLEANING

Remove any excess adhesive from the face of the tiles with a damp cloth while the adhesive is still wet.

Tools and other equipment can be cleaned with warm water before the adhesive sets.

PACKAGING

Davco Flexible CTA is available in 15 kg containers.

SHELF LIFE

Shelf life of up to 12 months in unopened container when stored in a cool dry place.

PRECAUTIONS

Do not use Davco Flexible CTA in temperatures above 40°C and below 5°C.

Davco Flexible CTA is not suitable for use in shower floors, swimming pools etc.

For internal use only.

Davco Flexible CTA dries by evaporation.

More suitable on porous tiles or porous substrate. Do not apply on tiles with low water absorption or non-porous substrates.

HEALTH & SAFETY

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

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