



FLEXIBLE CTA

Thin Bed Acrylic Based Tile Adhesive

DESCRIPTION

FLEXIBLE CTA is a white, acrylic based, flexible, pre-mixed, interior, thin bed, wall tile adhesive. It is ready for use directly out of the container.

USES

- FLEXIBLE CTA can only be used for interior wall tiling installations.
- FLEXIBLE CTA can be used for thin bed fixing of tiles directly onto fibre cement sheeting, plasterboard and rendered walls.
- FLEXIBLE CTA can be used to fix most types of porous ceramic and marble wall tiles, particularly light coloured marbles, but with the exception of green marble.
- When using FLEXIBLE CTA with translucent / absorbent tiles, the colour of the adhesive must be considered.
- FLEXIBLE CTA must not be used on floors or over waterproofing membranes.

FEATURES AND BENEFITS

- Premixed. ready to use!
- No need for messy mixing making FLEXIBLE CTA very easy to use.
- White in colour so there is no show through in the grout joint.
- Perfect for bathroom, kitchens and laundry walls.
- Flexible.

SURFACE PREPARATION

- All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds and any other loose or contaminating materials.
- All building boards must be flat and firmly fixed according to the manufacturer's instructions and relevant Australian Standard(s).
- Painted surfaces must be scabbled/abraded to expose at least 80% of the original substrate.
- Newly rendered surfaces must be allowed to cure for at least 7 days and have a wood float finish.

- Old rendered surfaces must be thoroughly cleaned prior to tiling and have a wood float finish.

Movement joints should be provided as follows:

1. Over movement joints in the background.
2. At a junction between different background materials.
3. At fixtures interrupting the tile surface e.g. columns.
4. At internal vertical corners.
5. Around the perimeter of the tiling system.
6. At a maximum of 5 metre intervals in a grid pattern.

Note : Movement joints should go right through the tile adhesive bed to the background and be kept free from dirt and adhesive droppings. Movement joints must not be less than 6 mm nor greater than 10 mm wide. All movement joints that are 6 mm wide can be filled with LANKO 612 ACRYLIC. For wider applications use LANKO 603 POLYURETHANE or 607 PS SEALANT fillers.

APPLICATION

- Spread the adhesive onto the substrate using a 6 mm x 6 mm notched trowel for installation of tiles up to 150 mm x 150 mm.
- For the installation of tiles larger than 150 mm x 150 mm use a 10 mm x 10 mm notched trowel.
- Tiles with lugs, grooves or an uneven back must initially be butter coated with the adhesive, in addition to the adhesive being trowelled onto the substrate.
- For mosaic tiles, use a 6 mm x 6 mm-notched trowel.
- A minimum final bed thickness of 2 mm is recommended, but the final bed thickness must not exceed 4 mm.
- Do not spread more than 0.5 m² of adhesive at one time.
- Press tiles firmly into position before the adhesive skins, ensuring that all the tiles are well bedded and that no voids occur under the tiles.
- Occasionally, in order to ensure that full coverage is being maintained, a tile should be removed, the adhesive coverage noted and the tile be relaid accordingly.
- Once the tiles have been laid, they must not be disturbed for 24 hours at 20°C.

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GROUTING

- Grouting can be carried out 24 hours after the completion of the tiling.
- Grouting can be carried out with Davco *Sanitized* COLORGROUT for joints 1-6 mm wide.
- To enhance the colour and increase water resistance and flexibility of the grout, use Davco GROUT-CURE. Refer to GROUT-CURE's data sheet for further details
- Allow 24 hours after grouting before putting the area into service.

PRECAUTIONS

- Do not apply FLEXIBLE CTA in temperatures above 40°C or below 5°C.
- 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 use FLEXIBLE CTA over impervious surfaces (i.e. waterproofing membranes) or to bond low porosity tiles.
- FLEXIBLE CTA is not suitable for fixing tiles externally or onto floors.
- FLEXIBLE CTA is not suitable for the tiling of areas where continual dampness/immersion occurs, such as shower recess bases, swimming pools, spas, etc.
- For other uses or the use of FLEXIBLE CTA over substrates / situations not mentioned in these instructions, contact your Davco Construction Materials state office.
- For a full MSDS on this product, contact your Davco Construction Materials state office.

COVERAGE

1.5 kg of FLEXIBLE CTA covers approximately 0.75 m² using a 6 mm x 6 mm notched trowel.

CLEAN UP

- Remove any excess adhesive from the face of the tiles with a damp cloth, while the adhesive is still wet.
- Clean tools and equipment with water before the adhesive dries.

PACKAGING

FLEXIBLE CTA is available in 1.5, 5 kg containers.

SHELF LIFE

Up to 12 months in unopened containers, stored in an elevated, cool dry position.

TECHNICAL DATA

Properties :

- Appearance : White Paste
- Specific Gravity : 1.65 kg/litre
- Open Time at 20°C : 5 minutes
- Adjustment Time at 20°C : 15 minutes
- Drying Time at 20°C : 24 hours

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. All workmanship must be carried out in accordance with AS 3958.1-1991.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

Davco

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