



# SE-7

## Premium Grade Thick or Thin Bed Cement Based Tile Adhesive

### DESCRIPTION

SE-7 is a premium grade, thick or thin bed, off-white or grey cement-based tile adhesive, which is non-slump. SE-7 has been specifically formulated to provide superior coverage, smoother / easier application, longer open time and extra high bond strength for the fixing of tiles onto various substrates. SE-7 is suitable for all tiles, including non-porous tiles, with water absorption of < 0.2%

### USES

- SE-7 can be used on both walls and floors, in interior and exterior applications.
- SE-7 can be used to fix tiles onto concrete, cement renders / screeds, blockwork, rendered brickwork and particular waterproofing membranes.
- SE-7 can be used to patch / level out imperfections on the concrete, render or screed surfaces.
- SE-7 is recommended for the thin or thick bed fixing of all types of ceramic, mosaic, vitrified, porcelain, terracotta, slate, quarry, granite and marble tiles, with the exception of green marbles.
- SE-7 when combined with Davco DAVELASTIC diluted 1:1 with water can also be used to fix tiles over tiles, onto facades or fix tiles in immersed situations i.e. swimming pools, spas etc. Initially contact your Davco Construction Materials state office for further details.
- SE-7 can be used for fixing wall tiles onto flexible building boards such as fibre cement sheet and plasterboard, when combined with Davco DAVELASTIC diluted 1:1 with water.

### 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.
- 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.
- Certain non-absorbent/contaminated surfaces can easily be prepared for tiling via the use of Davco Ultrabond.

#### 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.

### MIXING

- Add SE-7 to a bucket of clean water mixing constantly until a thick creamy consistency is achieved.
- The mixing ratio is 20 kg of SE-7 to approximately 6 l of clean water.
- Allow the mixture to stand for 10 minutes, remix, then use the adhesive.

### APPLICATION

- Spread the adhesive onto the substrate using a 6 mm x 6 mm notched trowel for the installation of wall tiles up to 150 mm x 150 mm.
- For the installation of floor tiles or wall 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.
- A 6 mm x 6 mm-notched trowel can be used to lay mosaic tiles.

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- For wall tiling a minimum final bed thickness of 2 mm is recommended, whilst for floor tiling a minimum final bed thickness of 3 mm is recommended.
- Can spread up to 2 m<sup>2</sup> of adhesive at any one time on properly primed surfaces.
- 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 or trafficked upon for 24 hours at 20°C.

### 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 SE-7 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.
- For other uses or the use of SE-7 over substrates / situations not mentioned in these instructions, contact your Davco Construction Materials state office.
- Being cement based, SE-7 is alkali in nature, which can cause dermatitis. Thus, when using SE-7, it is recommended that applicators wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact your Davco Construction Materials state office.

### COVERAGE

A 20 kg bag of SE-7 will cover approximately 7 m<sup>2</sup> using a 10 mm x 10 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

SE-7 is available in 20 kg bags.

### SHELF LIFE

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

### TECHNICAL DATA

#### Properties :

- Appearance : Off-White or Grey Powder
- Bulk Density : ~1.35 kg/litre
- Open Time at 20°C : 20 minutes
- Adjustment Time at 20°C : 45 minutes
- Pot Life at 20°C : > 2 hours
- 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.*

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