



Davco
EXCELLENCE IN
TILING SYSTEMS

SE-7 DUSTLESS



Australian Standard AS4992-2004

Classification: **C1E**

When mixed with a 1:1 gauged mixture of Davco Davelastic

Classification: **C1S2E**

Davco SE-7 Dustless is an off-white premium grade adhesive, for thick or thin bed application with superior coverage. Formulated to spread easily and evenly, with less mess and faster clean up.

Ideal for:

Interior & exterior applications ➤ Wall and floor tiles ➤ Commercial and residential work ➤ Patch work or level out minor imperfection on concrete, render or screed surfaces ➤ Immersed area such as swimming pools and spas when combined with Davco Davelastic (C1S2E) and can be used on flexible building boards ➤ 20kg bag will cover approximately 7-11m² depending on the size of the trowel used.



80% LESS DUST

WHY USE DAVCO SE-7 DUSTLESS?

Dustless	Less mess and faster clean up. 80% less dust than traditional cement based adhesive.
Tile types	Suitable for fixing all types of tiles including porcelain and vitrified tiles as well as natural stones (excluding green marble).
Substrates	Concrete, cement render, screeds, blockwork, rendered brickwork and compatible waterproofing membranes. When combined with Davco Davelastic, the physical properties becomes highly flexible and can be used on flexible building boards, stackstone tiles, façade tiling, screed cured in 24hours and in immersed areas such as swimming pool and spa areas. Also ideal to use for undertile heating.
Green Star Compliant	Low VOC - Green Star Specification for V2 IEQ-13, V1.1 IEQ-11
Good Open Time	Adequate repositioning time with extended open time of 20min, which provides greater fixing efficiency over large areas, therefore increasing productivity.
Excellent Pot Life	The mixed mortar remains useable in a container for up to 2hours at 20°C, prolonging its usefulness therefore less wastage and saves you money.



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CODE	EAN number	DESCRIPTION	SIZE	PALLET QTY
1419920	9312095002892	SE-7	20KG	64

USES

- Davco SE-7 can be used on both walls and floors, in interior and exterior applications.
- Davco SE-7 may be used to fix tiles onto concrete, cement renders/screeds, blockwork, rendered brickwork and compatible waterproofing membranes.
- Davco SE-7 may be used to patch / level out imperfections on concrete, render or screeded surfaces.
- Davco 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.
- When Davco SE-7 is modified with Davco Davelastic (diluted 1:1 with water) the system may be used to fix tiles onto facades, screed/render cured in 24hours at 20°C and fix tiles in immersed situations (such as swimming pools, spas and similar areas). It may be used for fixing tiles onto flexible building boards such as fibre cement sheet, compressed fibre cement sheet and plasterboards. The system is also suitable to use for undertile heating and on timber floors provided that a fibre cement sheet tile underlay is first installed. Contact ParexDavco state office if further information is required.

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. (*Screed / render surfaces cured at 24 hours at 20°C must use SE-7 combined with Davelastic – see mixing instructions*).
- All building boards must be firmly fixed according to the manufacturer's instructions and the relevant Australian Standard(s).
- 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.
- Porous / dusty surfaces (including fibre cement and other building boards) must initially be primed using Davco Ultraprime.
- Existing tiles should be structurally sound, clean, dry and free from oil, grease, wax, curing compounds and any other loose or contaminating materials. Ensure the new tiles are also clean and dry before fixing. Tiling over existing tiles is not recommended in immersed applications such as swimming pools etc. Man made stones such as Terrazzo (natural stone chips put together with a mixture of cement and resin) are required to be mechanically ground or scabbled and primed with Davco Ultraprime.
- In floor heating, undertile heating must be correctly fixed according to the manufacturer's instruction and relevant Australian Standards. It is advisable to use high quality underlayment system such as Lanko 133 in conjunction with Lanko 753 Acrylic Additive (gauge 1:2 with water – 1 part Lanko 753: 2 part water), then prime with Lanko 124 before applying the adhesive as normal.

MOVEMENT JOINTS

Movement joints must be installed as stipulated by AS3958.1:2007 – Guide to the Installation of Ceramic Tiles. Failure to do so may result in drummy or lifting tiles. 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 6mm nor greater than 10mm wide. All movement joints that are 6mm wide can be filled with Davco *Sanitized*[®] Colorcaulk. For wider applications use Davco Davsil or polysulphide and polyurethane type fillers.



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MIXING

- The mixing ratio is 20kg of Davco SE-7 to approximately 6 litres of clean, potable water.
- When using with Davco Davelastic, prepare a gauged mixture of 1:1 Davelastic and water (3L each) and use this mixture instead of just water.
- Place the water into a bucket and add the SE-7 while constantly mixing with a drill and paddle.
- Mix until a thick creamy consistency is achieved.
- Allow the mixture to stand for 5 min, remix then use the adhesive.

APPLICATION

Tiles must be installed as stipulated by AS3958.1:2007 – Guide to the installation of Ceramic Tiles.

General requirements:

An appropriate amount of adhesive must be used to ensure an adequate bed depth and adhesive coverage.

Suggested trowel sizes:

Tile	Trowel
Wall tiles up to 150 x 150mm.	6mm
Wall/Floor tiles larger than 150 x 150mm	10mm
Large tiles 400 x 400mm or larger	12mm
Mosaic tiles	6mm

- It is required that tiles larger than 400 x 400mm must be back buttered before placement. This is required to ensure adequate adhesive coverage and a better bond.
- Do not exceed the open time of the adhesive (ensure adhesive does not skin before bedding the tile).
- Press tiles firmly into position and make sure that all the tiles are well bedded with no voids in the adhesive.
- Occasionally lift a tile after placing to check that the coverage is adequate (90 – 100% coverage).
- 2m² of adhesive may be spread onto an adequately primed surface at any one time.
- After laying do not disturb or allow traffic on the tiles for 24 hours (at 20°C).

GROUTING

- Grouting can be carried out 24 hours after the tiling.
- Suitable Grouts:

Joint Width	Grout
1 – 6 mm	Davco Sanitized® Colorgrout
6 – 12 mm	Davco Slate & Quarry Grout
1 -3 mm	Davco Sanitized® Porcelain Grout

- Davco 4-in-1 Grout Additive may be used to increase grout flexibility and water resistance. It should always be used when grouting over fibre cement sheeted floors to reduce cracking or powdering.
- Wait 24 hours after grouting before putting the area into dry service and 3 days for wet service.
- Refer to the appropriate Product Datasheet for more detailed grouting information.

PRECAUTIONS

- Do not apply in temperatures above 35°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.
- Contact ParexDavco (Australia) Pty Ltd for more advice if considering using in areas or onto surfaces not described in this document.
- SE-7 contains cement which is alkaline and can cause dermatitis. It is recommended that applicators wear PVC or similar gloves and safety goggles.



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- Always read the MSDS before using. Contact ParexDavco (Australia) Pty Ltd or visit the website for copies.

COVERAGE

A 20kg bag of Davco SE-7 will cover approximately 7-11m² depending on the size of the trowel used.

CLEAN UP

- Avoid letting excessive adhesive dry as it is easiest to remove when it is fresh.
- Remove wet product with a damp cloth.
- Clean tools and equipment with water.
- If allowed to dry it will need to be removed mechanically or using a suitable acid based product. In some cases these methods can affect the tile and should be avoided whenever possible.

PACKAGING & SHELF LIFE

Davco SE-7 is available in 20kg bags. The shelf life is up to 12 months when stored unopened in elevated, cool and dry conditions.

TECHNICAL DATA

Properties:

Appearance:	Off White Powder
Bulk Density:	~1.35 kg/L
Open Time at 20°C (primed surface):	20 minutes
Adjustment Time at 20°C:	45 minutes
Pot Life at 20°C:	2 hours
Ready for Grouting:	24 hours
Ready for Service at 10°C-20°C:	24 hours
Ready for wet area service:	3 days

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 – 2007.

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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