

Dustless Powder Mastic



Davco Dustless Powder Mastic is a polymer modified cement based tile adhesive. Non slump properties make it perfect for wall tiling and large format tiles. Smooth trowelling and extended adjustment time of 30 minutes makes **Davco Dustless Powder Mastic** easy to use.

Features & Benefits:

- Featuring Dustless Technology
- Interior and exterior applications
- Wall and floor tiles
- Domestic and light duty commercial work
- A variety of substrates and tiles
- Use over flexible and rigid building boards
- Suitable for translucent and light coloured tiles



Suitable for All Tile Types	Excellent adhesion properties makes Dustless Powder Mastic suitable to use on a wide range of tile types such as porcelain, ceramic, vitrified, mosaic, terracotta, slate, quarry, granite and marble, with the exception of moisture sensitive stone such as green marble.
Various Substrates	Ideal to use on concrete, cement renders, screeds, blockwork, rendered brickwork, fibre cement sheet, gyprock and compatible waterproofing membranes. Also suitable to use on correctly installed compressed fibre cement sheet floor system that have been approved for tiling and timber floors provided that a fibre cement sheet tile underlay is first installed.
VOC Content Test Certificate	Low VOC - Specification for Green Star Office Design V2 IEQ-13 and Green Star Office Interiors V1.1 IEQ-11
Excellent open time	Long repositioning time with extended open time of 30 min, 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 2 hours at 20°C, prolonging its usefulness therefore there is less waste which saves you money.

CODE	EAN number	DESCRIPTION	SIZE	MIN ORDER QTY	PALLET QTY
1420220	9312095004353	Dustless Powder Mastic	20kg	1	64



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Uses

Dustless Powder Mastic is intended for use on walls and floors in interior and exterior applications.

Dustless Powder Mastic can be used to fix tiles onto concrete, cement renders, screeds, blockwork, rendered brickwork, fibre cement sheet, plasterboard and suitable waterproofing membranes.

Dustless Powder Mastic can be used on correctly installed compressed fibre cement sheet floor systems that have been approved for tiling.

Dustless Powder Mastic is suitable for tiling over timber floors, provided that a fibre cement sheet tile underlay is first installed.

Dustless Powder Mastic is recommended for the fixing of all types of ceramic, mosaic, vitrified, porcelain, terracotta, slate, quarry, granite and marble tiles (with the exception of green marbles). It is well suited for use with light coloured stone.

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.

- New render/screed surfaces must be allowed to cure for at least 7 days and have a wood float finish.

- All building boards must be firmly fixed according to the manufacturer's instructions and the relevant Australian Standard(s).

- Old render/screed 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 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.

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

Movement Joints

Movement joints must be installed as stipulated by AS3958 – 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 substrates.
2. At a junction between different substrate 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.
7. Movement joints should be kept free from dirt and adhesive droppings.
8. 6mm wide movement joints can be filled with **Davco Colorcaulk**. For wider joints up to 10mm wide, use **Davco Dawsil** or polyurethane type fillers.

Note: Movement joints must not be less than 6mm nor greater than 10mm wide.

Mixing

The mixing ratio is 20kg of **Dustless Powder Mastic** to approximately 5-6 litres of clean potable water.

Place the mixing water in the bucket and add **Davco Powder Mastic** powder to the water, mixing until it has a thick and creamy consistency.

Allow to stand for 5 minutes and remix briefly before using.

Always make sure it is fully mixed (no lumps) before using.

Mix mechanically with a drill and paddle. Do not mix by hand.

Application

Tiles must be installed as stipulated by AS3958.1 – 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.

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.

Spread only as much adhesive as can be used within the open time, considering the effect of the local environmental conditions. Ensure that the adhesive does not skin over before bedding the tiles. 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). After laying do not disturb or allow light foot traffic on the tiles for at least 24 hours (at 20 C).

Grouting

Grouting can be carried out 24 hours after tiling.

Suitable Grouts:

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

Davco 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 service.

Refer to the appropriate Product Datasheet for more detailed grouting information.

Precautions

- Do not apply **Davco Powder Mastic** in temperatures above 35°C or below 5°C.
- Back buttering to achieve 100% coverage is recommended for light coloured or translucent tiles/stone to help ensure colour consistency.
- 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 **Davco Powder Mastic** in situations not mentioned in these instructions, contact your ParexGroup (Australia) Pty Ltd state office.
- Being cement based, **Davco Powder Mastic** is alkali in nature, which can cause dermatitis.

SAFETY: It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product.

For a full MSDS on this product, contact your ParexGroup (Australia) Pty Ltd state office.

Coverage

A 20kg bag of **Davco Powder Mastic** will cover approximately 5-10m² depending on the size of the trowel used.

Cleaning

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

Technical Data

Appearance	White Powder
Bulk Density:	~1.5 kg/L
Open Time at 20°C (primed surface):	30 minutes
Adjustment Time at 20°C:	~30 minutes
Pot Life at 20°C:	>2 hours
Ready for Grouting at 20°C:	24 hours
Ready for Service at 10°C-20°C:	24 hours

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.

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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