



Davco LiteMastic is an ultra long pot

life, easy mix mastic adhesive. It is light weight for easy transport. Mix with water on site to avoid heavy lifting to and from jobs. Mixture can be stored for up to 3 months in a sealed container. Fast setting time allows for grouting in just four hours. Handles, applies and performs just like a paste adhesive but with innovative dry acrylic polymer technology.

Features & Benefits:

- Non slump – ideal for interior wall tiling
- Light weight for easy transportation
- No waste – store mixture for up to 3 months
- Same day grouting
- Excellent bond strength
- Formulated with anti bacterial properties to resist mould and mildew

Conforms to AS4992

D1T

Australian Standard

Tile Types	Excellent adhesion properties make Davco LiteMastic suitable to use with a wide range of tiles such as porcelain, ceramic, mosaic, terracotta, slate, quarry, granite and marble (<i>with the exception of moisture sensitive stone such as green marble</i>).
Substrates	Non slump properties for use on internal wall applications. Suitable for use on fibre cement sheeting, cement render, blockwork, rendered or plastered brickwork and compatible waterproofing membranes.
Mould and Mildew Resistant	Specially formulated with antibacterial properties to resist the development of mould and mildew.
Same Day Grouting	Cures in just 4 hours so Davco LiteMastic helps complete projects faster, saving time and money.
Coverage	12.5kg bag will cover approximately 12m ² depending on the size of the trowel used.
A Breakthrough Innovation	No cement – low VOC and efflorescence free. Easy to deliver to site. Once mixed with water it handles easily with great workability like a mastic and can be stored for up to 3 months for future jobs. This reduces waste and saves both time and money.

CODE	EAN number	DESCRIPTION	SIZE	MIN ORDER QTY	PALLET QTY
1431112	9312095007101	Lite Mastic	12.5kg	1	64



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Uses

- **Davco LiteMastic** is intended for use on interior wall tiling installations only.
- **Davco LiteMastic** is a fast setting adhesive making it well suited for tiling jobs where the tiling and grouting need to be completed in the shortest possible time.
- Walls - **Davco LiteMastic** can be used to adhere tiles onto cement renders, blockwork, rendered / plastered brickwork, plaster board and fibre cement sheet.
- **Davco LiteMastic** is suitable for adhering porous wall tiles including ceramic, mosaic, terracotta, slate, quarry, granite and marble tiles not subject to high deformation or sudden staining due to water absorption. When using **Davco LiteMastic** with non-porous tiles such as porcelain or vitrified tiles with porosity <3% absorption and greater than 150 x 150mm in size, the drying time before grouting will be greatly extended. Only use low porous tiles over a porous / absorbent substrate.
- **Davco LiteMastic** is suitable for adhering porous tiles over compatible waterproofing membranes, including **Davco K10 Plus**, **Davco Dampflex**, **Davco Dampflex Reo** and **Davco Dampfast**. When using **Davco LiteMastic** over a waterproofing membrane, the drying time before grouting will be greatly extended. Only use porous tiles (<3% absorption) up to 250 x 250mm over a waterproofing membrane.
- When using **Davco LiteMastic** over a surface treated with **Davco Ultrabond**, the drying time before grouting will be greatly extended. Only use porous tiles (<3% absorption) over surfaces treated with **Davco Ultrabond**.
- Contact ParexDavco state office if further information is required.

Surface Preparation

- All surfaces must be structurally sound, dry, clean and free from dust, structural 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.
- Old rendered surfaces must be thoroughly cleaned prior to tiling. Newly rendered surfaces must be allowed to cure for at least 7 days and have a wood float finish.
- New concrete must be allowed to cure for 6 weeks and should have a wood float finish.
- Make sure all release agents are removed from concrete surfaces, especially on tilt-up slabs.
- Old concrete with a wood float finish must be thoroughly cleaned prior to tiling.
- Concrete of any age with a steel trowel finish must be mechanically abraded and then thoroughly vacuum cleaned prior to tiling.
- All building boards must be firmly fixed according to the manufacturer's instructions and the relevant Australian Standard(s).
- Prime the surface with a suitable primer such as **Davco Ultraprime** prior to the application of **Davco LiteMastic**. Allow to dry but install tiles within 24 hours, otherwise a new coat of primer will be required.

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:

- Over movement joints in the substrates.
- At a junction between different substrate materials.
- At fixtures interrupting the tile surface e.g. columns.
- At internal vertical corners.
- Around the perimeter of the tiling system.
- At a maximum of 5 metre intervals in a grid pattern.
- Movement joints should be kept free from dirt and adhesive droppings.
- 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.

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Mixing

The mix ratio is 12.5kg of **Davco LiteMastic** to approx. **5 litres** of clean, potable water. Do not use bore or grey water. Place the water into a bucket and add the **Davco LiteMastic** while constantly mixing with a drill and paddle. Mix until a thick creamy consistency is achieved.

Application

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

General requirements:

Tile	Trowel
Wall tiles up to 150 x 150mm	6mm
Wall tiles larger than 150 x 150mm	10mm
Mosaic tiles	6mm

- Spread only as much adhesive as can be used within the open time.
- Large tiles or tile with ribbed back profiles should be back buttered before placement.
- Hold the trowel at an angle of 60° or greater to the substrate.
- Apply in straight rows of beads to achieve maximum coverage.
- Position the tile 90° on the adhesive and press firmly.
- Move the tile forward and then back at a right angle to the direction of the adhesive bead to ensure all beads are flattened leaving no voids under the tile. Occasionally lift a tile after placing it to check that the beads are fully compressed and that sufficient coverage has been achieved (90-100%).
- After laying a section at a time, remove any excess adhesive from the surface of the tiles with a damp cloth while the adhesive is still wet.
- Once tiling is complete do not disturb for at least 4 hours (at 22°C).
- Clean tools and equipment with water before the adhesive dries.

Note: Setting time, open time and pot life of the adhesive are affected by temperature. In cold weather setting time will be slower and in warm weather setting time will be faster.

Grouting

Grouting can be carried out 4 hours after the tiling.

Suitable Grouts:

Joint Width	Grout
1 - 3mm	Davco Superfine White Grout (wall only)
1 - 6mm	Davco Sanitized® Colorgrout
6 – 12mm	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 dry service and 7 days for wet service.

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

Precaution

- **Davco LiteMastic** is not suitable for use externally, on floors or in continually wet or damp areas (such as shower floor recess, swimming pools and spas).
- Do not apply **Davco LiteMastic** in temperatures above 35°C or below 5°C.
- Always use a clean bucket and drill mixer when mixing.
- 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 LiteMastic** in situations not mentioned in these instructions, contact your ParexDavco (Australia) Pty Ltd state office.
- For a full MSDS on this product, contact your ParexDavco (Australia) Pty Ltd state office or visit the ParexDavco website at www.parexdavco.com.au

Safety:

- It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product.
- Keep out of reach of children. If eye contact occurs, rinse with cool water. If ingested get immediate medical assistance.

Coverage

A 12.5kg bag of **Davco LiteMastic** will cover approximately 12m² depending on the size of the trowel used.

Cleaning

- Avoid letting excess 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.

Packaging & Shelf Life

Davco LiteMastic is available in 12.5kg bag. The shelf life of the powder is up to 12 months when stored unopened in elevated, cool and dry conditions. The shelf life of the mixture when covered securely and stored in a cool location is up to 3 months.

Technical Data

Appearance:	White Powder
Bulk Density:	~1.5kg/L
Open Time at 22°C (primed surface):	~20 minutes
Adjustment Time at 22°C:	~10 minutes
Pot Life (open) at 22°C:	~2 hours
Pot Life (sealed) at 22°C:	~3 months
Ready for Grouting at 22°C	4 hours
Ready for Dry Area Service at 22°C:	24 hours
Ready for Wet Area Service:	7 days

Note: All measurements are taken approx. at 22°C and 50% relative humidity.

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.

PAREXDAVCO

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