



# EPOXY GROUT

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## DESCRIPTION

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Davco Epoxy Grout is a three part, general purpose, water clean-up epoxy system, for grouting most types of ceramic tiles in demanding environments. It consists of epoxy resin, epoxy hardener and a selected coloured grout.

## USES

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- Epoxy Grout can be used for internal or external wall and floor grouting of ceramic tiles, in demanding environments.
- Epoxy Grout can be used in commercial areas such as dairies, breweries, food processing plants, hospitals, public toilets; commercial laundries; and kitchens.

## FEATURES & BENEFITS

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- Epoxy grout can be cleaned up with water whilst it is wet.
- Significantly improves the stain resistance of cementitious grouts.
- Ideal for both interior and exterior applications
- Epoxy grout has high strength
- Being chemical resistant epoxy grout can be used in a variety of commercial applications where chemical resistance is required.
- Epoxy grout can be used on both wall & floor applications.

## SURFACE PREPARATION

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- Before commencing grouting, ensure the tile adhesive has set firmly. This usually requires 24 hours with the majority of tile adhesives.
- Remove any spacer lugs, rake-out any excess adhesive and any loose or foreign material from the grout joints.
- In general, ensure the grout joints are clean and dry.

## MIXING

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- Epoxy Grout is a three component system for on-site mixing, which requires 1.5lt of epoxy resin (Part A), 1.5lt of epoxy hardener (Part B), and 7.5kg of Davco *Sanitized*<sup>®</sup> Superfine White Grout, Davco *Sanitized*<sup>®</sup> Colorgrout or Slate & Quarry Grout (Part C).

- Davco *Sanitized*<sup>®</sup> Superfine White Grout is used for wall grout joints 1 - 3mm, *Sanitized*<sup>®</sup> Colorgrout is used for grout joints 1 - 6mm wide, whilst Slate & Quarry Grout is used for grout joints 6 - 12mm wide.
- Initially add the epoxy resin (Part A) to the epoxy hardener (Part B) to a clean container and mix thoroughly.
- To this mix, while stirring, gradually add the *Sanitized*<sup>®</sup> Colorgrout or Slate & Quarry Grout (Part C). Mix this until lump free and uniform colour is achieved.
- Stirring with a slow speed electric drill is the most efficient method of mixing.

## APPLICATION

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- Using a rubber float or squeegee work the grout into the joints in a diagonal motion making sure that the grout does not just sit on top of the joint i.e. the grout does not bridge the joint.
- Remove excess grout from the surface of the tiles with the rubber float or squeegee using a diagonal motion.
- It is advisable to grout only 2 to 4 square metres at a time before commencing clean up, or preferably use a two-man team. This way one grouts and the other cleans up.
- Use a damp sponge to clean up the remainder of the grout. Regularly rinsing the sponge out to assist in cleaning. For best results use warm water when cleaning.
- In the cleaning process, do not flood the floor with water and ensure that both the sponge is kept clean and the water is changed regularly.
- **Remove any excess moisture from the grout joints, to avoid discolouration or colour variation problems.**
- **With anti-slip or textured tiles the clean-off process is more difficult. Therefore it is advisable to pre-test the method of clean-off, before attempting to grout the entire tiled area.**
- Allow the grout to cure for 48 hours before exposing to the intended environment.



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## PRECAUTIONS

- Do not apply Epoxy Grout at temperatures above 40°C or below 5°C.
- Epoxy Grout when mixed with a white grout will result in the grout having a slight yellow tinge.
- Staining may result if Epoxy Grout is used to grout natural stone, unglazed or porous tiles.
- Due to Epoxy Grout containing sand, scratching may occur with polished or soft glazed tiles.
- Do not apply Epoxy Grout in movement joints, use a sealant appropriate for the environment.
- Do not allow Epoxy Grout to dry over tiles, as it cannot be removed once cured.
- Davco Epoxy Grout is not suitable in areas where the grout will be exposed to harsh chemicals - strong/concentrated acids and alkalis or strong solvents i.e. laboratories.
- Good housekeeping practices must be observed at all times. Grouted floors and walls must be regularly cleaned and accidental spills must be flushed away immediately.
- The colour of Epoxy Grout may vary from the colour on grout charts.
- For other uses or the use of Epoxy Grout over substrates/situations not mentioned in these instructions, contact your ParexDavco (Australia) Pty Ltd state office.
- It is recommended that applicators wear PVC or similar gloves and safety goggles when using Davco Epoxy Grout, as the epoxy can act as an irritant to sensitive skin. Avoid skin contact with the grout and wash well with soap and water after using.
- For a full MSDS on this product, contact your ParexDavco (Australia) Pty Ltd state office.

## COVERAGE

- The coverage of a 7 litre epoxy grout unit varies depending upon the size and thickness of the tile, the width of the grout joint.
- Use the table below as a general guide:

Tile Size (mm)	Coverage per kit in M <sup>2</sup>		
	Joint Width (mm)		
	3	5	10
50 x 50 x 6	8	5	--
100 x 100 x 10	10	6	3
150 x 150 x 10	15	9	4.5
200 x 100 x 10	13	8	4

300 x 300 x 10                      30                      18                      9

## CLEAN UP

Tools and equipment must be cleaned with water before the grout dries.

## PACKAGING

Davco Epoxy Grout is available in 7 litre units, which includes 1.5L of Epoxy Resin, 1.5L of Epoxy Hardener and 7.5kg of Colorgrout.

## SHELF LIFE

Epoxy Grout has a shelf life of up to 12 months in unopened containers and bags stored in a cool dry elevated place.

## TECHNICAL DATA

### Properties:

Appearance Mixed	Various Coloured Pastes
Service Temperature	-18°C to 80°C
Specific Gravity Mixed	1.3 kg/litre
Pot Life at 20°C	1 hour
Curing Time at 20°C	48 hours
Surpasses the requirements of ASTM C237-82	

## 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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