

Davco



Product Data Sheet

Epoxy Grout



A 3 part, general purpose, water clean-up epoxy system for demanding environments



FEATURES & BENEFITS

- Can be cleaned up with water whilst it is still wet
- Significantly improves the stain resistance of cementitious grouts
- High strength
- Chemical resistance

PACKAGING

Part A (Davco Epoxy Grout Resin) available in a 1.5L pail

Part B (Davco Epoxy Grout Hardener) available in a 1.5L pail

Kits Available

1.5L kit: 1.5L pail Epoxy Resin (Part A) + 1.5L pail Epoxy Hardener (Part B) + 5 x 1.5kg bags Davco Sanitized® ColorgROUT or Davco Slate & Quarry Grout or Davco Elite ColourGrout (Part C)

WHERE TO USE

Tiles

Ideal for use with most types of ceramic tiles.

Areas

Suitable for interior and exterior applications. Commercial walls and floors including dairies, breweries, food processing plants, hospitals, public toilets, commercial laundries and kitchens.

PRODUCT INFORMATION

AS ISO 13007 Classification

When mixed with Sanitized® ColorgROUT or Slate & Quarry Grout or Elite ColourGrout, will preform to RG Specifications

Curing Time

48 hours





DIRECTIONS FOR USE

- Test the product in an inconspicuous area first

SURFACE PREPARATION

- 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

Coverage

The coverage of the grout will vary depending upon the texture, size and thickness of the tile and the width of the grout joint. Use the table below as a general guide:

TILE SIZE	COVERAGE PER KIT IN M ² JOINT WIDTH		
	3mm	5mm	10mm
50 x 50 x 6mm	8	5	
100 x 100 x 10mm	10	6	3
150 x 150 x 10mm	15	9	4.5
200 x 100 x 10mm	13	8	4
300 x 300 x 10mm	30	18	9

MIX PREPARATION

Mix Process

SITUATION / REQUIREMENT	MIX REQUIREMENTS PER 1.5L
General applications	1.5L of Part A (Epoxy Grout Resin) + 1.5L of Part B (Epoxy Grout Hardener) + 7.5kg or 8kg of Part C (Davco Sanitized® ColorgROUT or Davco Slate & Quarry Grout or Davco Elite ColourGrout)

1. It is recommended that the system be prepared using a slow speed electric drill fitted with a suitable mixing paddle. Maintain the following ratios:
 - 1.5 litre of Epoxy Grout Resin (Part A)
 - 1.5 litre of Epoxy Grout Hardener (Part B)
 - 7.5kg or 8kg of Davco Sanitized® ColorgROUT or Davco Slate & Quarry Grout or Davco Elite ColourGrout (Part C).
2. Initially add the Epoxy Grout Resin (Part A) to the Epoxy Grout Hardener (Part B) in a clean bucket and mix thoroughly.
3. Ensure Epoxy Grout Resin (Part A) and Epoxy Grout Hardener (Part B) are well combined.
4. To this mix, while stirring with a mixing paddle attached to a drill, slowly add the grout (Part C). Do not mix by hand.
5. Continue to mix for several minutes until the colour is uniform free of lumps of powder.

APPLICATION

1. Work the grout into the joints in a diagonal motion using a rubber float or squeegee.
2. Ensure that the grout is worked into the joint and does not sit on top or "bridge" it.
3. Remove excess grout from the surface of the tiles using a diagonal motion.
4. Grout only 2 to 4 square metres at a time before clean up.
5. Use a damp sponge to clean up the remainder of the grout. Rinse the sponge regularly with clean warm water for best results.
6. Do not flood the floor with water. Ensure the sponge is kept clean and the water is changed regularly.
7. Remove any excess moisture from the grout joints, to avoid discolouration or colour variations.
8. Allow the grout to cure for 48 hours before exposing to the intended environment.

Clean-up & Return to Service

- Clean tools and equipment with water before the grout dries

PRECAUTIONS

Safety

- SDS is available from www.davcoaustralia.com.au
- 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

General

- Epoxy Grout will yellow over time. White or light coloured grouts may have a yellow tinge
- Hardened product is very difficult to remove
- Always test application and clean-up procedures before grouting the entire area
- Clean-up of anti-slip or textured tiles will be more difficult. Therefore it is advised to pretest the method of clean-off before attempting to grout the entire tiled area.
- Staining may result on stone, unglazed or porous tiles
- The product contains sand. Polished or soft glazed tiles may scratch
- Do not use in movement joints, use an appropriate flexible sealant
- Not suitable in areas where the grout will be exposed to harsh chemicals such as strong / concentrated acids and alkalis or strong solvents
- Colour may vary from those on grout charts

Specific

- For other uses not mentioned in these instructions, please contact Sika Australia

TECHNICAL DATA

TECHNICAL DATA	EPOXY GROUT
Appearance	Various coloured pastes
Service temperature	-18°C to 80°C
Specific gravity mixed	1.3 kg/L
Pot life	1 hour
Curing time	48 hours
Shelf life when stored unopened in elevated, cool, dry location	12 months

All measurements are taken at 22°C and 50% relative humidity. Specifications vary according to site conditions and should be taken as a guide only.

Legal Notes

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