



BUILDING TRUST



## PRODUCT DATA SHEET

# Davco Elite G10 Grout

A FLEXIBLE PREMIUM PERFORMANCE GROUT FOR TILE AND STONE APPLICATIONS

### DESCRIPTION

A flexible premium performance grout that offers a superior smoothness for use on stone, marble, porcelain, mosaic and ceramic tiles.

Davco Elite G10 Grout is suitable for grout joint 1-8mm wide.

### USES

- Suitable for interior and exterior applications.
- Commercial and domestic walls and floors including high foot traffic locations, bathrooms, kitchens, living rooms, courtyards and swimming pools

### CHARACTERISTICS / ADVANTAGES

- Stain resistant
- Mould and bacteria resistant
- Water repellent
- Colour consistency
- Resistance to efflorescence
- For joints 1-8mm wide
- Can be mixed with Davco Glass Mosaic additive for a coloured adhesive

### PRODUCT INFORMATION

<b>Product Declaration</b>	AS ISO 13007.3 CG2WA
<b>Packaging</b>	5kg Plastic film bags
<b>Shelf life</b>	If unopened product shall remain use-able for 18 month from date of manufacture.
<b>Storage conditions</b>	Store off ground in dry cool conditions out of direct sunlight.
<b>Bulk Density</b>	1.4kg/L
<b>Volatile organic compound (VOC) content</b>	Low VOC- 3g/L (SCAQMD method 304-91)
<b>Abrasion resistance</b>	≤1000mm <sup>3</sup>

<b>Compressive Strength</b>	≥15N/mm <sup>2</sup>
<b>Shrinkage</b>	≤3mm/m
<b>Water absorption</b>	After 30 minutes: ≤5g After 240 minutes: ≤10g
<b>Joint width</b>	1-8mm

## APPLICATION INFORMATION

<b>Consumption</b>	Quantity of grout required KG/M <sup>2</sup> per joint width				
	<b>Tile size</b>	<b>1mm</b>	<b>3mm</b>	<b>6mm</b>	<b>8mm</b>
	20x20x8mm	1.8	5.3		
	200x200x8	0.2	0.5	1.1	1.4
	300x300x8mm	0.1	0.4	0.7	0.9
	300x600x8mm	0.1	0.3	0.5	0.7
	600x600x8mm	0.1	0.2	0.4	0.5
	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 as a general guide only.				
<b>Pot Life</b>	At 20°C & 50% RH: 1 hour				
<b>Curing rate</b>	Curing time for dry areas at 20°C: 24 hours				
<b>Applied Product Ready for Use</b>	<b>Application</b>	<b>Wait time</b>			
	Dry area	24 hours			
	Wet areas	3 Days			
	Submerged Applications	21 Days			
	Wait time values determined in laboratory conditions at 23°C & 50% relative humidity. Higher temperatures will reduce wait times and cooler temperatures will extend wait times.				

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Test product in an inconspicuous area first.
- All surfaces must be suitably sound, clean and installed according to manufacturer's instructions and relevant Australian Standard(s).
- Do not apply in temperatures above 35°C or below 5°C.
- In cool and / or humid conditions, allow longer setting times.
- Davco Elite G10 Grout is not suitable for chemical resistant joints. Use Davco Epoxy Grout for these installations.
- In swimming pools, spas, ponds and water feature applications, use Davco 4 in 1 Additive mixed with water. Note: colours may bleach over time in immersed environments.
- Efflorescence is beyond the control on the manufacturer due to uncontrollable external influences.
- Staining and discolouration may occur on highly porous stone and tiles. A test area is recommended.
- In commercial high traffic and areas where movement is expected, use Davco 4 in One Additive diluted in water.

ment is expected, use Davco 4 in One Additive diluted in water.

- Do not apply neat or strong acid liquids or cleaners to the grout surface.
- Do not mix Davco Elite G10 Grout with any other Davco grout range, as they are not the same product.
- Colour consistency may vary in accordance to drying times, site conditions and climate and variations in joint width and depth.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

Tools required;

- Mixing buckets & clean water
- Drill with mixing paddle
- Grout float / rubber squeegee
- Sponge & dry cloth
- Personal protective equipment

## SURFACE PREPARATION

- All surfaces must be installed according to manufacturer's instructions and relevant Australian Standard(s)
- Remove all tile spacers and lugs from the joint areas
- Ensure joints are clean, dry and free from excess adhesive as well as any other loose or contaminating material
- Ensure joints are of uniform depth and remove excess adhesive
- Make sure adhesive is completely set and dried

## MIXING

1. For residential indoor and outdoor areas, measure 1.1L to 1.3L of clean water into a clean bucket. For other applications see 'Important Considerations'.
2. Slowly add Davco Elite G10 Grout into the water whilst mixing it with a mixing paddle attached to a drill.
3. Continue to mix until a smooth, lump free paste consistency is achieved.
4. Allow mixture to stand for 5 minutes.
5. Remix grout for an additional minute then the grout is ready for use.

## APPLICATION

1. Lightly dampen grout joints prior to grouting; particularly when using porous tiles or in hot conditions.
2. Work the grout in a diagonal motion using a rubber float or squeegee.
3. Ensure the grout joint is completely filled and doesn't just sit on the top of the joint.
4. Remove excess grout from the surface of the tiles in a diagonal motion using the rubber float or squeegee.
5. Allow 10-15 minutes for the grout to firm.
6. Evenly shape the grout joints by laying a damp well wrung out sponge flat on the tile surface and lightly wiping it in a circular motion. Use a minimum amount of water to avoid shade variation, efflorescence and shrinkage.
7. Wipe off in a diagonal motion with a clean sponge. Again using a minimum amount of water to avoid shade variation, efflorescence and shrinkage.
  - Allow the grout to dry for 24 hours before polishing the grout haze off the tiles with a soft dry cloth. It can then be returned to service
  - Hard-to-remove haze can be cleaned with Davco Sanitized® Tile & Grout Cleaner

## CLEANING OF TOOLS

- Clean tools and equipment with water before the grout dries.

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### Product Data Sheet

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## MAINTENANCE

### CLEANING

- Davco Elite G10 Grout shall require routine maintenance and cleaning with a neutral detergent and water.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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