



# Glass Mosaic Additive



Designed to be used in conjunction with Davco Sanitized® Colorgrout or Davco Elite ColourGrout to fix and grout most types of mosaic tiles



## WHERE TO USE

### Surfaces

Most common substrates; concrete, cement renders/screeds, rendered brickwork and blockwork, Davco waterproofing membranes and flexible building boards such as fibre cement sheet and plasterboard.

### Areas

Suitable for interior and exterior applications. When Davco Glass Mosaic Additive is mixed with Sanitized® Colorgrout or Elite ColourGrout it can be used as an adhesive and grout on walls and floors in wet areas and areas under permanent water immersion.

## PRODUCT INFORMATION

### AS ISO 13007 Classification

C2S1TE (when mixed with Davco grouts)

### VOC Content

Low VOC - 1g/L (SCAQMD method 304-91)

### Coverage

#### For Adhesive and Grouting Applications (in one step)

Coverage will vary depending on the colour of the Sanitized® Colorgrout or Elite ColourGrout. As a guide 15kg of Sanitized® Colorgrout or Elite ColourGrout mixed with 3.75L of Glass Mosaic Additive will cover approximately 4.5–6m<sup>2</sup>. This equates to 2kg of grout mixed with 500ml of Glass Mosaic Additive covering approximately 0.6–0.8m<sup>2</sup>

#### For Grouting Applications

As a mixing guide, 1 litre of diluted Glass Mosaic Additive (500ml diluted with 500ml clean water) is mixed with 3.75kg of Sanitized® Colorgrout or Elite ColourGrout

### Drying Time

8–10 hours at 22°C when mixed with Sanitized® Colorgrout or Elite ColourGrout

## FEATURES & BENEFITS

- Mix with Sanitized® Colorgrout or Elite ColourGrout
- Fix and grout in one step
- Good strength
- Ideal for glass mosaic tiles
- Commercial grade
- Ideal for swimming pools

## PACKAGING

Available in a 1L or 5L jerry can





## DIRECTIONS FOR USE

- Test the product in an inconspicuous area first
- It is essential to plan the area to be tiled, with inclusion of movement joints, in accordance with the Australian Standard AS3958.1 "Guide to the Installation of Ceramic Tiles." failure to do so may result in drummy or lifting tiles

## SURFACE PREPARATION

### For Adhesive

All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds and any other loose or contaminating materials. All wall building boards must be flat and firmly fixed according to the manufacturer's instructions and relevant Australian Standard(s)

### For Grouting

Before commencing grouting, ensure the adhesive has set. Remove any spacer lugs, ensure the grout joints are clean of any excess adhesive

## MIX PREPARATION

### Mix Process

Mix or shake the container of Glass Mosaic Additive before using

### Adhesive Mix (grouting in one step)

- The mixing ratio is 15kg of Sanitized® Colorgrout or Elite ColourGrout to approximately 3.75–4.25 litres of Glass Mosaic Additive. This will vary for different colours. This equals 250–275ml per kg of grout

### Grout Mix

- Dilute the 1 part Glass Mosaic Additive with equal parts clean water (1:1 ratio)
- The mixing ratio is 15kg of Sanitized® Colorgrout or Elite ColourGrout to approximately 3.4–3.75 litres of diluted Glass Mosaic Additive This will vary for different colours This equals 225 – 250 mL per kg of grout

## Mixing

- Place the Glass Mosaic additive (or solution) into a bucket then slowly add the Sanitized® Colorgrout powder mixing constantly
- Mix to until a lump free thick creamy consistency for adhesive or a smooth creamy consistency for use only as a grout
- Allow the mixture to stand for 5 minutes, remix, then use

## APPLICATION

### Adhesive Application

- Spread the adhesive onto the substrate using a 6mm x 6mm notched trowel for the installation of 50mm square mosaic tiles
- Spread up to 1m<sup>2</sup> of adhesive at any one time on properly primed surfaces
- Press tiles firmly into position before the adhesive skins, ensuring that all the tiles are well bedded and minimal voids occur under the tiles
- Once the tiles have been laid, they must not be disturbed or trafficked upon for 8-10 hours at 22°C

### Grout Application

- 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
- Use a damp sponge to remove any remaining grout from the tile face. The sponge should not be too wet. If cleaning is carried out too early (when the grout is still plastic) you may pull the grout out of the joints. Regularly rinse the sponge out to assist in cleaning. Ensure only a minimum amount of water is used for clean up, otherwise you may cause efflorescence. Add a cup of methylated spirits to the clean off water to aid in final grout removal from the tile face
- Be careful not to overwork the joints, as this can cause efflorescence or shade variation
- Clean excess grout and moisture off the tiling works with a clean and well wrung out tilers sponge
- Allow the grout to cure for 24 hours before cleaning the grout haze with a soft dry cloth. Hard to remove haze can be cleaned with Davco Sanitized® Tile & Grout Cleaner

### Adhesive and Grouting Application (in one step)

- Follow the adhesive application instructions
- Ensure the mosaics are well bedded into the adhesive, and push the mosaics to ensure the adhesive wicks up into the grout joint. If necessary, finish off the joints as per the grouting application instructions, if the joint requires additional filling
- Then follow the grout clean off and finishing instructions

## PRECAUTIONS

### Safety

- SDS is available from [www.davcoaustralia.com.au](http://www.davcoaustralia.com.au)
- It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product. If contact with eyes occurs, rinse with cool water. If ingested, seek immediate medical assistance
- Keep out of reach of children

### General

- Do not apply Glass Mosaic Additive in temperatures above 35°C or below 5°C
- Glass Mosaic Additive, when used with Sanitized® Colorgrout or Elite ColourGrout may slightly darken the colour of the grout - this needs to be taken into account when making colour choices from the colour chart
- Ensure the container of Glass Mosaic Additive is mixed or shaken before using
- 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
- When using Glass Mosaic Additive in swimming pool applications, allow the product to fully cure for 21 days prior to filling
- When tiling using glass mosaics, care needs to be taken that the mosaic is suitable for use in permanently submerged installations. In some cases, the adhesive used to bond the mesh to the tile back is not suitable for water immersion. If unsure as to the suitability, consult your tile supplier
- Do not apply Glass Mosaic Additive combined with any Davco grout in movement joints, use Davco Elite Silicone

### Specific

- Cleaning or discolouration problems can occur with either textured, porous or natural stone tiles
- The presence of efflorescence, and shade variations due to variable application techniques or extreme environmental conditions are beyond the manufacturers control
- Sanitized® Colorgrout or Elite ColourGrout with Glass Mosaic Additive is not suitable for use in harsh and demanding environments or where there are hygienic requirements i.e. commercial kitchens, public toilets, food processing plants etc. Use Davco Grout Cure Additive for these types of installations. Refer to the Grout Cure Additive Data Sheet for full instructions

- Due to Sanitized® Colorgrout containing sand, scratching may occur with polished or soft glazed tiles
- For other uses not mentioned in these instructions, please contact ParexGroup

## TECHNICAL DATA

TECHNICAL DATA	GLASS MOSAIC ADDITIVE
Appearance	White liquid
Open time*	30 minutes
Adjustment time*	20 minutes
Pot life*	1 hour 30 minutes
Drying time*	24 hours

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.

\*When mixed with Sanitized® Colorgrout.

### Legal Notes

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