



PORCELAIN GROUT

DESCRIPTION

Davco *Sanitized® Porcelain Grout* is an unsanded grout designed for use with polished porcelain, soft glazed tiles, or any other ceramic and natural stone tile that requires a grout that will not scratch the surface. The grout also contains the *Sanitized®* biocide, which provides it with a resistance to a broad spectrum of moulds and bacteria. Available in 7 colours; #5 Silver Grey, #18 Vanilla, #21 Antique White, #22 Ivory, #28 Sandalwood, #2 Black and #49 Light Grey.

USES

- Davco *Sanitized® Porcelain Grout* can be used in grout joints that are between 1 - 3mm wide.
- Davco *Sanitized® Porcelain Grout* can be used internally or externally, on wall or floor grouting applications.
- Davco *Sanitized® Porcelain Grout* can also be used in wet areas.

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 of any adhesive residue.

MIXING

- Add clean water to a bucket, then slowly add the *Sanitized® Porcelain Grout* grout powder to the water. Stir the mix until a lump-free smooth paste is achieved.
- The mixing ratio is approximately 10kg powder to 3 lt of water. Do not use excessive amounts of water in mixing as this can cause irregular colour and weaken the grout.
- Allow the mix to stand for 10 minutes, re-stir then use the grout.
- When grouting over timber floors and substrates where movement is expected or for superior performance in general applications, gauge Davco *Sanitized® Porcelain Grout* with a mixture of 1 part Davco Grout Additive to 2 parts clean water.
- When grouting in areas where high flexural strength, enhanced water and chemical resistance is required, add Davco Grout-Cure to

the mix. Mixing approximately 1.5L GROUT-Cure with 1.5L water for a 10kg bag.

APPLICATION

- Prior to grouting it is advisable to lightly dampen the grout joints, particularly with porous tiles or in hot conditions. If the tiles are particularly porous it is advisable to dampen the joint and prime with Davco Grout Additive to seal the edge of the tile. Allow the Grout Additive to dry before grouting.
- Using a rubber float, 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.
- After allowing the installation to cure for at least 30 minutes, 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.
- Finally remove any excess moisture from the grout joints, to avoid discolouration or colour variation problems.
- 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.

PRECAUTIONS

- Certain types of polished porcelain tile are more absorbent than others. These may be more prone to staining and discolouration. Prior to grouting, it is recommended to test a tile with the grout selected, to ensure there are no problems in the final installation.
- Do not apply *Sanitized® Porcelain Grout* in movement joints, use Davco *Sanitized®* Colorcaulk or Davsil.
- Do not apply *Sanitized® Porcelain Grout* in temperatures above 35°C or below 5°C.
- Do not use an electric drill above 300 rpm to mix the grout as this can entrap air into the mix and



PORCELAIN GROUT

cause the grout to dry soft and powdery or with unsightly pin holes in the surface.

- When grouting 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 with *Sanitized® Porcelain Grout*. Refer to the Davco Grout-Cure datasheet for full instructions.
- Cleaning or discolouration problems can occur with either textured, porous or natural stone tiles.
- Certain types of porcelain tiles have a glaze on them, which is susceptible to alkaline environments. Due to the alkalinity of the *Sanitized® Porcelain Grout*, care should be taken to test these tiles before installation, to ensure suitability.
- Do not apply neat or strong acids on *Sanitized® Porcelain Grouts*.
- For other uses or the use of *Sanitized® Porcelain Grout* in situations not mentioned in these instructions, contact your ParexDavco (Australia) Pty Ltd state office.
- Being cement based, *Sanitized® Porcelain Grout* is alkali in nature, which can cause dermatitis. Thus when using *Sanitized® Porcelain Grout* it is recommended that applicators must wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact your ParexDavco (Australia) Pty Ltd state office.
- All products are guaranteed when installed in accordance with the relevant Australian Standard, the current technical datasheets, specification and instructions for use. This guarantee does not cover issues beyond the control of the manufacturer such as efflorescence, shade variations, variable application techniques and extreme environmental conditions.

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 (mm)	Qty of Grout Required kg/m ²	
	Joint Width (mm)	
	1.5	3
50 x 50 x 6	0.8	1.6
150 x 150 x 6	0.3	0.6
200 x 100 x 6	0.3	0.6
200 x 200 x 6	0.2	0.4

CLEAN UP

Tools and other equipment can be cleaned up with water while grout is still wet.

PACKAGING

Sanitized® Porcelain Grout is available in 2kg and 10kg bags in 7 colours.

SHELF LIFE

Sanitized® Porcelain Grout has a shelf life of up to 12 months in unopened bags stored in a cool, dry elevated place.

TECHNICAL DATA

Properties:	
Appearance	Various coloured powders
Bulk Density	~ 1.3kg/litre
Pot Life at 20°C	40 minutes
Curing Time at 20°C	24 hours

GUARANTEE

ParexDavco (Australia) Pty Ltd products are guaranteed for ten years when installed to the relevant Australian Standard, Davco Specifications, current technical data sheets and instructions for use. This guarantee does not cover shade variations and efflorescence as these are caused by factors beyond the manufacturers control, including the nature of cement, job site conditions, finished techniques and uneven drying conditions.

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.

PAREXDAVCO

ParexDavco (Australia) Pty Limited

ABN 28 093 876 558

67 Elizabeth Street Wetherill Park NSW 2164 Australia

Telephone: 61 2 9616 3000 Facsimile: 61 2 9725 5551

Toll Free Technical Advice Line: 1800 653 347

Email: technical@parexdavco.com.au Website: www.parexdavco.com.au

