



BUILDING TRUST



PRODUCT DATA SHEET

Davco Sanitized Coloured Grout ECO (CFG)

Environmentally friendly single part waterproofed tile grout

DESCRIPTION

Davco Sanitized Coloured Grout ECO (CFG) is an environmentally friendly, premium grade, cementitious tile grout that is approved by the Eco-labelling authority in Singapore as a sustainable building material.

Davco Sanitized Coloured Grout ECO (CFG) is designed for use in most type of ceramic tile and natural stone applications. It is specially formulated as a single part waterproofed tile grout for ease of use and produced with specially selected Portland cements, graded aggregate and high quality imported pigments for greater durability.

Davco Sanitized Coloured Grout ECO (CFG) has excellent resistance to a broad spectrum of fungal, algae and bacteriological degradation as well as good stain, water and chemical resistant properties.

USES

- Available in wide range of colours to fill joints between tiles and stones.
- Used in intended hygienic conditions such as hospitals, kitchens, food preparation areas.
- Used in wet areas like swimming pools and spas.
- Used in general applications of superior performance, eg. external walkways and trafficable areas.
- Use unsanded for joints between 1–4 mm. Use sanded for joint above 4mm.

CHARACTERISTICS / ADVANTAGES

- Pigments within the grout are evenly and totally dispersed.
- Colourfast and ultra-violet (U.V) resistant.
- Reduces water absorption through tile joints.
- Improve stain and oil resistant.

PRODUCT INFORMATION

Packaging	25 kg		
Appearance / Colour	#1 white	#179 oyster grey	#67 beige
	#2 black	#140 ts grey	#22 ivory
Shelf life	6 months from date of production		
Storage conditions	Stored in a dry place free from moisture contact		

TECHNICAL INFORMATION

Abrasion resistance	< 1 000 mm ³	(BS EN 12808 - 2:2002)
Compressive strength	Minimum	15 N/mm ² (BS EN 12808 - 3:2002)
	Maximum	35 N/mm ² at 28 days
Tensile strength in flexure	≥ 3.5 N/mm ² at 28 days	(BS EN 12808 - 3:2002)
Shrinkage	≤ 2.0 mm/m at 28 days	(BSEN 12808- 4:2002)

Water absorption	> 30 mins	≤ 2.0	(BS EN 12808 - 5:2002)
	> 240 mins	≤ 5.0	
Mixing ratio	Powder to liquid		
	Unsanded		1 : 0.28 to 0.32 (kg)
	Sanded		1 : 0.2 (kg)

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

Grout discolouration may occur when it is exposed to harsh chemicals prematurely.

Allow 7 days before any exposure to harsh chemicals. Ensure that the area is thoroughly cleaned immediately with water to prevent any grout discolouration.

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.

SUBSTRATE QUALITY / PRE-TREATMENT

Depending on the type of adhesive used for tiling, grouting shall commence the next day after the adhesive has set but within 7 days upon completion of tiling. Ensure that all tile joints are clean and free from dust and debris, removal means include air blowing or vacuum.

MIXING

Pour the liquid component into the clean mixing bucket. While stirring, gradually add the powder component, stirring continuously until a lump-free, toothpaste consistency is achieved. Allow the mixed material to stand for 10 minutes, restir before use.

APPLICATION

Using a rubber float or squeegee to work the grout into the joints in a diagonal motion making sure that the grout is deep in the joints and does not sit on top the joints ie. 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 to avoid dislodging the embedded grout.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate,
71800 Nilai, Negeri Sembilan D.K.
Malaysia
Phone: +606-7991762
e-mail: info@my.sika.com
Website: www.sika.com.my



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It is advisable to grout only 2 to 4 m² at a time before commencing clean up, or preferably use a two-man team. This way, one grouts and the other cleans up, reducing the chance of the grout drying on the tiles. Use a damp sponge to clean up the remainder of the grout. Regularly rinsing the sponge out to assist in cleaning. For best result, use warm water when cleaning. In the cleaning process, do not flood the floor with water and ensure that the sponge is kept clean and the water is changed regularly. After the grout has dried, the tiled surface shall be cleaned with damp cloth followed by a clean dry cloth to give it a final polish. With anti-slip or textured tiles, 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.

CLEANING OF EQUIPMENT

Tools and equipment must be cleaned up in water before the grout dries thoroughly.

LOCAL RESTRICTIONS

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

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.

