

PRODUCT DATA SHEET

Davco® Clean Grout

PREMIUM CG2WA CEMENTITIOUS TILE GROUT

DESCRIPTION

Davco® Clean Grout is a CG2WA polymer-modified premixed colored tile grout with water repellency properties. It provides active protection against bacteria, algae, fungi, or black mold, which can cause stains or deterioration of the grouting. It can be used in both interior and exterior, especially in damp areas such as bathrooms, kitchens, bedrooms, balconies, and any other residential or common areas.

USES

- Grouting the joints for most general types of tiles
- Grouting gaps from 1 to 6 mm width
- Application for floor and wall
- Application for indoor and outdoor

FEATURES

- Clean+technology with the hygienic formula; anti-black mold and fungus; anti-bacteria, anti-algae.
- Water repellent, low porosity, and anti-dirt absorption.
- High strength, adhesion, crack, and abrasion resistance.
- Resist to general cleaning agents.

CERTIFICATES AND TEST REPORTS

- LEED and WELL standard
- Pass and comply with EN13888 CG2WA and ANSI 118.6

PRODUCT INFORMATION

Packaging	1 kg bag, 10 bags per box
Shelf life	18 months from the date of production if stored properly in undamaged original sealed packaging.
Storage conditions	Store in dry conditions and protected from direct sunlight.
Appearance and colour	25 colors snow white, silver grey, grey, granite, midnight black, cream almond, cream maple, cornsilk, vanilla, moonlight, milk tea, caramel, wood, golden teak, fire brick, rose, peach, flamingo, red maroon, cocoa, morning blue, marine, andaman, mint and leaf.
Density	0.80 - 1.0 kg./L

TECHNICAL INFORMATION

Abrasion resistance	≤ 1000 mm ³
Compressive strength	> 15 MPa
Flexural-strength	> 2.5 MPa (at 28 days)

Shrinkage < 3 mm/m (at 28 days)

Water absorption	after 30 min.	≤ 2 g
	after 240 min.	≤ 5 g

APPLICATION INFORMATION

Mixing ratio 0.33-0.34 litres of clean water per 1 kg bag of Davco® Clean Grout.

Consumption The consumption of grout varies depending on the size and thickness of the tile and the width of the tile joint. (unit: kg/sqm.)

Tile size	Thickness	Joint width	Joint width	Joint width
		1 mm.	2 mm.	3 mm.
1"x1"	4 mm.	0.54	1.09	1.63
2"x2"	4 mm.	0.27	0.54	0.82
4"x4"	5 mm.	0.17	0.34	0.51
4"x4"	10 mm.	0.34	0.68	1.02
8"x8"	5 mm.	0.09	0.17	0.26
8"x8"	10 mm.	0.17	0.34	0.51
12"x12"	5 mm.	0.06	0.11	0.17
12"x12"	10 mm.	0.11	0.23	0.34
16"x16"	5 mm.	0.04	0.09	0.13
16"x16"	10 mm.	0.09	0.17	0.26
18"x18"	5 mm.	0.04	0.08	0.11
18"x18"	10 mm.	0.08	0.15	0.23
20"x20"	5 mm.	0.03	0.07	0.10
20"x20"	10 mm.	0.07	0.14	0.20
24"x24"	5 mm.	0.03	0.06	0.09
24"x24"	10 mm.	0.06	0.11	0.17

Tile size	Thickness	Joint width	Joint width	Joint width
		4 mm.	5 mm.	6 mm.
1"x1"	4 mm.	2.18	2.72	3.26
2"x2"	4 mm.	1.09	1.36	1.63
4"x4"	5 mm.	0.68	0.85	1.02
4"x4"	10 mm.	1.36	1.70	2.04
8"x8"	5 mm.	0.34	0.43	0.51
8"x8"	10 mm.	0.68	0.85	1.02
12"x12"	5 mm.	0.23	0.28	0.34
12"x12"	10 mm.	0.45	0.57	0.68
16"x16"	5 mm.	0.17	0.21	0.26
16"x16"	10 mm.	0.34	0.43	0.51
18"x18"	5 mm.	0.15	0.19	0.23
18"x18"	10 mm.	0.30	0.38	0.45
20"x20"	5 mm.	0.14	0.17	0.20
20"x20"	10 mm.	0.27	0.34	0.41
24"x24"	5 mm.	0.11	0.14	0.17
24"x24"	10 mm.	0.23	0.28	0.34

(roughly 1 inch = 2.5 cm. = 25 mm.)

Ambient air temperature min. +5°C to max. +35°C

Pot Life approx. 120 min. (25°C)

Waiting time Tile grout can be applied after 24 hours of tiling application.
Wait 24 hours before traffic.

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

- Not suitable for movement joint.
- Wear gloves and safety goggles.

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

- Wait 24 hours after tilling before applying tile grout.
- Use a rubber trowel to fill the joint in diagonal motion.
- Wipe off excess grout.
- Make sure the grout is forced into the joint and not just sitting on the top.
- Quick clean with a damp sponge.
- Allow 2 hours before cleaning with a dry cloth.
- Allow 24 hours before traffic.

SUBSTRATE QUALITY / PRE-TREATMENT

Clean and remove any dirt or contaminations remaining in the joints. Make sure the joints are clean and dry before grouting.

MIXING

Mix a 1 kg. bag of Davco® Clean Grout with 0.33 - 0.34 liters of clean water until the product is evenly distributed. Leave to stand for several minutes. Re-stir before using. Only mix enough grout to cover 2 sqm. at a time.

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.

Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
Industrial Estate, T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
Website: tha.sika.com



Product Data Sheet

Davco® Clean Grout
October 2023, Version 04.01
021720100000000182

DavcoCleanGrout-en-TH-(10-2023)-4-1.pdf