



BUILDING TRUST



PRODUCT DATA SHEET

Davco CLASSIC

CEMENTITIOUS TILE GROUT

DESCRIPTION

Davco CLASSIC is a general cement based grout with polymer modified for grouting gaps from 1 to 6 mm width.

USES

- Grouting the joints for most general types of tiles
- Application for floor and wall
- Application for indoor and outdoor

FEATURES

- Good strength, adhesion and crack resistance
- UV resistance

PRODUCT INFORMATION

Packaging	1 kg bag, 20 bags per box
Shelf life	18 months from 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	10 colors white, grey, slate grey, corn silk, light pink, golden teak, red maroon, light green, alice blue and morning blue
Density	0.9 - 1.0 kg./L

TECHNICAL INFORMATION

Abrasion resistance	< 2000 mm ³ (at 28 days)
Compressive strength	> 15 MPa (at 28 days)
Flexural-strength	> 2.5 MPa (at 28 days)
Shrinkage	< 3 mm/m (at 28 days)

APPLICATION INFORMATION

Mixing ratio	0.36-0.38 litres of clean water per 1 kg bag of tile grout.
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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		
		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	0.17	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		
		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 - max. +35°C
Pot Life	120 minutes (at 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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

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 1 kg. bag with 0.36 - 0.38 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.

APPLICATION

- Wait 24 hours after tiling before applying tile grout.
- Use a rubber float to fill the joint in diagonal motion.
- Remove 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.

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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Product Data Sheet

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