



BUILDING TRUST



PRODUCT DATA SHEET

DAVCO GRANITO TILE GROUT DUSTLESS

THIN TO LARGE JOINTS TILE GROUT

DESCRIPTION

DAVCO GRANITO TILE GROUT DUSTLESS is dustless grout, polymer modified, for thin to extra thin joints 0.5-2 mm. The Dustless technology reduces dust by 80% compared to a normal tile adhesive and is specially formulated to provide healthier working conditions.

USES

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

CHARACTERISTICS / ADVANTAGES

- Good flow in thin gaps between 0.5 to 2 mm.
- Sanitized to prevent mold and bacteria.
- Good strength, adhesion and crack resistance.
- UV resistance.
- Water repellent.
- Chemical resistance.

PRODUCT INFORMATION

Packaging	1 kg bag, 20 bags per box
Appearance / Colour	5 colors white, corn silk, black, slate grey and grey
Shelf life	12 months from date of production if stored properly in undamaged original sealed packaging.
Storage conditions	Store in dry conditions and protected from direct sunlight.
Density	0.8 - 1.0 kg./L

TECHNICAL INFORMATION

Abrasion resistance	< 1000 mm ³
Compressive strength	> 15 MPa (at 28 days)
Tensile strength in flexure	> 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 litres of clean water per 1 kg bag of tile grout.

Consumption The consumption of grout varies depending upon the size and thickness of tile and the width of tile joint. (unit: kg/ 1 m²)

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
2"x2"	8 mm.	0.54	1.09	1.63
4"x4"	5 mm.	0.17	0.34	0.51
4"x4"	10 mm.	0.34	0.68	1.02
6"x6"	5 mm.	0.11	0.23	0.34
6"x6"	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
12"x12"	12 mm.	0.14	0.27	0.41
16"x16"	5 mm.	0.04	0.09	0.13
16"x16"	10 mm.	0.09	0.17	0.26
16"x16"	12 mm.	0.10	0.20	0.31
18"x18"	5 mm.	0.04	0.08	0.11
18"x18"	10 mm.	0.08	0.15	0.23
18"x18"	12 mm.	0.09	0.18	0.27
20"x20"	5 mm.	0.03	0.07	0.10
20"x20"	10 mm.	0.07	0.14	0.20
20"x20"	12 mm.	0.08	0.16	0.24
24"x24"	5 mm.	0.03	0.06	0.09
24"x24"	10 mm.	0.06	0.11	0.17
24"x24"	12 mm.	0.07	0.14	0.20

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
2"x2"	8 mm.	2.18	2.72	3.26
4"x4"	5 mm.	0.68	0.85	1.02
4"x4"	10 mm.	1.36	1.70	2.04
6"x6"	5 mm.	0.45	0.57	0.68
6"x6"	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
12"x12"	12 mm.	0.54	0.68	0.82
16"x16"	5 mm.	0.17	0.21	0.26
16"x16"	10 mm.	0.34	0.43	0.51
16"x16"	12 mm.	0.41	0.51	0.61
18"x18"	5 mm.	0.15	0.19	0.23
18"x18"	10 mm.	0.30	0.38	0.45
18"x18"	12 mm.	0.36	0.45	0.54
20"x20"	5 mm.	0.14	0.17	0.20
20"x20"	10 mm.	0.27	0.34	0.41
20"x20"	12 mm.	0.33	0.41	0.49
24"x24"	5 mm.	0.11	0.14	0.17
24"x24"	10 mm.	0.23	0.28	0.34
24"x24"	12 mm.	0.27	0.34	0.41

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

Waste will be occurred according to actual field performance including working method, skill and site condition.

Ambient air temperature	min. +5°C - max. +35°C
Pot Life	25 - 35 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.

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.

IMPORTANT CONSIDERATIONS

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

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Joint must be clean and dry.
- Dampen the joint in case of high water absorption tile.

MIXING

- Hand-mix 1 kg. bag with 0.33 litres of clean water until the compound is evenly distributed.
- Leave to stand several minutes.
- Only mix enough grout to cover 2 sq.m. at a time.

APPLICATION

- Allow 24 hours after tiling.
- 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, sub-

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Product Data Sheet

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