



BUILDING TRUST



PRODUCT DATA SHEET

DAVCO POOL TILE GROUT

CEMENTITIOUS TILE GROUT FOR SWIMMING POOL

DESCRIPTION

DAVCO POOL TILE GROUT is a polymer modified cementitious tile grout for joints from 2 to 10 mm. It has good strength, adhesion and crack resistance properties. The product is hydrophobic and has good UV resistance.

USES

- Wet area such as swimming pool, fish pond, fountain, spa and sauna
- Wall/ and floor
- Interior and exterior
- Most general type of tiles

CHARACTERISTICS / ADVANTAGES

- Special formulation tile grout for swimming pool.
- Suitable for wet and fully immersed area such as swimming pool, fish pond, fountain and spa.
- For tile gap between 2-10 mm.
- Resistance to pool chemicals and mold prevention.
- Easy to apply.

PRODUCT INFORMATION

Packaging	5 kg pail, 6 pails per box
Appearance / Colour	2 colors white 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.

TECHNICAL INFORMATION

Abrasion resistance	< 1,000 mm ³ (at 28 days)	
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.	< 5 g
	after 240 min.	< 10g

APPLICATION INFORMATION

Mixing ratio 1.2 - 1.25 litres of clean water per 5 kg bag of DAVCO POOL 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	30 min. (at 35°C)
Waiting time	Tile grout can be applied after 24 hours of tiling application. Wait 3 - 7 days before filling with water.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Joint must be clean and dry.
- Dampen the joint for high water absorption tile.

MIXING

- Mix DAVCO POOL TILE GROUT 5 kg. powder with 1.2 to 1.25 litres of clean water with power drill, until the compound is evenly distributed.
- Leave to stand several minutes.
- Only mix enough grout to cover 2 m² 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 1 day before foot traffic.
- Allow 3 - 7 days before filling with water.

CLEANING OF EQUIPMENT

Remove grout from tools, equipments and tiles with clean water immediately after the application.

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 recommenda-

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