

MULTIFILL SMALTO 1-8

Tile grout with porcelain effect, water-repellent

Description

MULTIFILL SMALTO 1-8 is a colored, cement based tile grout enriched with resins. It offers high mechanical strength, superb color stability and great water-repellence. Contains special bacteriostatic agents, which block the formation of bacteria on the grout. It gives a smooth and glossy final surface. Suitable for joint width 1-8 mm.

It is classified as type CG2 WA tile grout according to EN 13888.

Fields of application

MULTIFILL SMALTO 1-8 is used for pointing tile joints on walls or floors, for indoor and outdoor applications.

Technical data

Form:	cementitious powder
Colors:	35
Water demand:	1.10 l/4 kg bag
Bulk density of dry mortar:	1.18 ± 0.05 kg/l
Bulk density of fresh mortar:	1.95 ± 0.05 kg/l
Application temperature:	from +5°C to +35°C
Abrasion resistance: (EN 12808-2)	≤ 1000 mm ³
Compressive strength after:	
• 28 days:	30.00 N/mm ²
• 25 freeze-thaw cycles: (EN 12808-3)	30.00 N/mm ²
Flexural strength after:	
• 28 days:	7.50 N/mm ²
• 25 freeze-thaw cycles: (EN 12808-3)	7.50 N/mm ²
Drying shrinkage: (EN 12808-4)	≤ 2 mm/m

Water absorption after:

- 30 min: ≤ 2 g
 - 240 min: ≤ 5 g
- (EN 12808-5)

Pot life: at least 2 h at +20°C

Walkability: after 10 h at +20°C

Directions for use

1. Substrate

The substrate covered with tiles should be perfectly clean. The joints should be carefully cleaned and dampened with a wet sponge.

2. Application

MULTIFILL SMALTO 1-8 is added to water under continuous stirring, until a uniform paste is formed. A low revolution mixer is recommended for the mixing.

The mixture should be left about 3 minutes to settle and then slightly stirred again.

Spread the grout on to the joints, using a rubber float in a diagonal direction to the joints, in order to fill them completely. The excess material should be wiped after a while, using a wet sponge. Finally, the surface may be cleaned with a dry cloth.

Outdoors or at high temperatures repeated dampening is recommended after a few hours and when the grout has dried.

Consumption

The consumption of MULTIFILL SMALTO 1-8 depends on the tile dimensions and the joint width. The following cases are mentioned indicatively (values in g/m²):

Tile Dimensions (cm)	Joint width			
	2 mm	4 mm	6 mm	8 mm
2 x 2 x 0.3	750	1,500	---	---
10 x 10 x 0.6	300	600	900	1,210
15 x 15 x 0.7	240	470	710	950
20 x 20 x 0.7	180	360	540	720
30 x 30 x 0.8	140	280	410	550
40 x 40 x 0.8	100	210	320	420
50 x 50 x 0.8	90	170	260	340

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Packaging - Colors

MULTIFILL SMALTO 1-8 is available in the following 35 colors, with the corresponding code No. and packaging (2 kg, 4 kg and 20 kg bags):

Color	2 kg	4 kg	20 kg
01 White	•	•	•
02 Black	•	•	
03 Grey	•	•	•
04 Pearl grey	•	•	
05 Light grey	•	•	•
06 Bahama beige	•	•	•
07 Redbrown	•	•	
08 Brown	•	•	
09 Light brown	•	•	
10 Dark grey	•	•	
11 Ivory	•	•	
12 Purple	•	•	
13 Red	•	•	
14 Cotto	•	•	
15 Manhattan grey	•	•	
16 Light ochre	•	•	
17 Anemone	•	•	
18 Pearl beige	•	•	
19 Mocha	•	•	
20 Maroon	•	•	
21 Caramel	•	•	
22 Magnolia	•	•	
23 Oregon	•	•	
24 Cinnamon	•	•	
25 Crocus	•	•	
26 Green	•	•	
27 Orange	•	•	
29 Silver grey	•	•	
30 Cement grey	•	•	
31 Ceramic	•	•	
32 Mykonos blue	•	•	
33 Yellow	•	•	
34 Mint	•	•	
35 Tropical sea	•	•	
36 Cypress	•	•	

Sets of realistic MULTIFILL samples are available.

Shelf-life - Storage

- Paper bags of 20 kg: 12 months from production date.
- Plastic bags of 4 kg and 2 kg: 24 months from production date.

All of the above are in effect if the product is stored in original unopened packaging, in places protected from moisture and frost.

Remarks

- MULTIFILL SMALTO 1-8 contains cement and reacts as alkaline with moisture, so it is classified as irritant.
- Consult usage risks and safety advice written on the bag.

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