

Technical Datasheet

MULTIFILL 2-5

Colored tile grout

Description

MULTIFILL 2-5 is a cement-based, colored tile grout offering high mechanical strength and excellent color stability. Suitable for joint width 2-5 mm.

Classified as type CG2 WA tile grout according to EN 13888.

Fields of application

MULTIFILL 2-5 is used for grouting tile joints on walls or floors, for indoor and outdoor applications.

Technical data

Form:	cementitious powder
Colors:	28
Water demand:	6.50 l/25 kg bag
Bulk density of dry mortar:	1.25 ± 0.40 kg/l
Bulk density of fresh mortar:	1.60 ± 0.50 kg/l
Application temperature:	from +5°C to +35°C
Abrasion resistance: (EN 12808-2)	≤ 1,000 mm ³
Compressive strength after:	
• 28 days:	40.00 N/mm ²
• 25 freeze-thaw cycles: (EN 12808-3)	40.00 N/mm ²
Flexural strength after:	
• 28 days:	6.00 N/mm ²
• 25 freeze-thaw cycles: (EN 12808-3)	5.00 N/mm ²
Drying shrinkage: (EN 12808-4)	≤ 2 mm/m
Water absorption after:	
• 30 min:	≤ 2 g
• 240 min: (EN 12808-5)	≤ 5 g
Pot life:	at least 4 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 2-5 is added to water under continuous stirring, until a homogeneous paste is formed. A low-speed mixer is recommended for the mixing.

The mixture should be left to stand for about 3 min and then slightly stirred again.

Spread the grout diagonally across the joints using a rubber float, making sure to fill them completely. The excess material should be wiped after a while, using a wet sponge, to avoid any change in color. Finally, the surface may be cleaned with a dry cloth.

For use outdoors or at high temperatures, repeated dampening is recommended after a few hours and when the grout has dried.

Consumption

The consumption of MULTIFILL 2-5 depends on tile dimensions and joint width. The following cases are mentioned indicatively (values in g/m²):

Tile dimensions (cm)	Joint width			
	2 mm	3 mm	4 mm	5 mm
2 x 2 x 0.3	1,300	1,500	---	---
10 x 10 x 0.6	400	600	800	1,000
15 x 15 x 0.7	310	470	630	780
20 x 20 x 0.7	240	360	480	590
20 x 30 x 0.7	200	300	400	490
30 x 30 x 0.8	190	280	370	460

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Packaging – Colors

MULTIFILL 2-5 is available in the following 28 colors, with the corresponding code No. and packaging (5 kg and 25 kg bags):

Color	5 kg	25 kg
01 White	•	•
02 Black	•	
03 Grey	•	•
04 Pearl grey	•	
05 Light grey	•	•
06 Bahama beige	•	•
07 Red-brown	•	
08 Brown	•	
09 Light brown	•	
10 Dark grey	•	
11 Ivory	•	
15 Manhattan grey	•	
16 Light ochre	•	
17 Anemone	•	
18 Pearl beige	•	
19 Mocha	•	
20 Maroon	•	
21 Caramel	•	
30 Cement grey	•	
31 Ceramic	•	
40 Dark Brown	•	
41 Earth Brown	•	
42 Grey Beige	•	
43 Olive Green	•	
44 Camel	•	
45 Sand	•	
46 Grey Blue	•	
47 Lilac	•	

Sets of realistic MULTIFILL samples are available.

Shelf life – Storage

- Paper bags of 25 kg:
12 months from production date
- Plastic bags of 5 kg:
24 months from production date

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

Remarks

- MULTIFILL 2-5 contains cement and reacts as alkaline with moisture, so it is classified as irritant.
- Consult the directions for safe use and precautions written on the packaging before use.

ISOMAT S.A.
 BUILDING CHEMICALS, MORTARS & PAINTS
 HEADQUARTERS – THESSALONIKI, GREECE
 17th km Thessaloniki – Ag. Athanasios Road
 P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
 T +30 2310 576000
www.isomat.eu e-mail: support@isomat.eu