MULTIFILL MARBLE 0-3

isomat
building quality

Fine-grained grout for marbles, with porcelain effect, water-repellent

Description

MULTIFILL MARBLE 0-3 is a colored, cement based, enriched with resins grout for marbles, granites and tiles. It offers high mechanical strength, superb color stability and great water-repellence. It provides a smooth and glossy final surface. Suitable for joint widths between 0-3 mm.
It is classified as a CG2 WA tile grout, according to EN 13888.

Fields of application

MULTIFILL MARBLE 0-3 is used for pointing marble, granite, tile and glass mosaic joints, on walls or floors, for indoor and outdoor applications, including swimming pools.

Technical data

Form:	cementitious powder
Colors:	5
Water demand:	1.30 l/ 4 kg bag
Bulk density of dry mortar:	0.92 ± 0.10 kg/l
Bulk density of fresh mortar:	1.75 ± 0.10 kg/l
Application temperature:	from $+5^0$C to $+35^0$C
Abrasion resistance:	≤ 1000 mm^3

Compressive strength after:
- 28 days: 30.00 N/mm^2
- 25 freeze-thaw cycles: 27.00 N/mm^2

Flexural strength after:
- 28 days: 9.00 N/mm^2
- 25 freeze-thaw cycles: 8.00 N/mm^2

Drying shrinkage: ≤ 3 mm/m

Water absorption after:
- 30 min: ≤ 2 g
- 240 min: ≤ 5 g

Pot life: 60 min at $+20^0$C

Walkability: after 8-10 h at $+20^0$C

Directions for use

1. Substrate preparation
The substrate covered with marbles or tiles should be perfectly clean. The joints should be carefully cleaned and dampened with a wet sponge.

2. Application
MULTIFILL MARBLE 0-3 is added to water under continuous stirring, until a uniform paste is formed. A low-speed mixer is recommended for the mixing.
The mixture should be left to settle for about 3 minutes 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 completely fill them. The excess material should be wiped after a while, using a wet sponge. Finally, the surface may be cleaned with a dry cloth.
In case of exterior applications or high temperatures, it is recommended to dampen the joint after a few hours and when the grout has dried.

Consumption

The consumption of MULTIFILL MARBLE 0-3 depends on the tile dimensions and the joint width. The following cases are mentioned indicatively (values in kg/m^2):

Tile	Joint width		
Dimensions (cm)	1 mm	2 mm	3 mm
2 x 2 x 0.3	0.40	0.79	1.19
10 x 10 x 0.6	0.16	0.32	0.48
15 x 15 x 0.7	0.12	0.25	0.37
20 x 20 x 0.7	0.09	0.18	0.28
20 x 30 x 0.7	0.08	0.15	0.23
30 x 30 x 0.8	0.07	0.14	0.21

Packaging - Colors

MULTIFILL MARBLE 0-3 is available in the following 5 colors, with the corresponding code No. and packaging:

Color	4 kg
01 White	•
02 Black	•
05 Light grey	•
06 Bahama beige	•
17 Anemone	•

Sets of realistic MULTIFILL samples are available.

Shelf-life - Storage

24 months from production date, if the product is stored in original unopened packaging, in places protected from moisture and frost.

Remarks

- MULTIFILL MARBLE 0-3 contains cement that reacts with moisture forming alkaline solutions, so it is classified as irritant.
- Consult the directions for safe use and precautions written on the package.

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EN ISO 9001