

Tile grout

Description

MULTIFILL 2-5 is a cement-based, colored tile grout. It offers high mechanical strength and color stability. Suitable for joint width 2-5 mm. It is classified as type CG2 WA tile grout according to EN 13888.

Fields of application

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

Technical data

| | |
|-------------------------------|-------------------------|
| Form: | cementitious powder |
| Colors: | 34 |
| 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: | ≤ 1000 mm ³ |
| Compressive strength after: | |
| • 28 days: | 40,00 N/mm ² |
| • 25 freeze-thaw cycles: | 40,00 N/mm ² |
| Flexural strength after: | |
| • 28 days: | 6,00 N/mm ² |
| • 25 freeze-thaw cycles: | 5,00 N/mm ² |
| Drying shrinkage: | ≤ 2mm/m |
| Water absorption after: | |
| • 30 min: | ≤ 2 g |
| • 240 min: | ≤ 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 uniform paste is formed. A low revolution mixer is recommended for the mixing.

The mixture should be left about 10 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 2-5 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 | 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 |

MULTIFILL 2-5



Packaging - Colors

MULTIFILL 2-5 is available in the following 34 colors, with the corresponding code No. and packaging (2 kg, 5 kg and 25 kg bags):

| Color | 2 kg | 5 kg | 25 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 | • | • | |
| 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 25 kg:
12 months from production date
- Plastic bags of 5 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 2-5 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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