OMNICOL

142

OMNIFILL

GROUTING MORTARS

WATER-RESISTANT GROUTING MORTAR FOR JOINTS FROM 2 UP TO 10 MM

Characteristic product properties
- Can also be worked with in the traditional way (powder added to water).
- Suitable for non-stain sensitive natural stone.
- Underfloor heating.
- Walls and floors.
- Can be used indoors and outdoors.
- Classification in compliance with EN-13888: CG2W A.

Applications
For grouting all possible types of ceramic wall and floor tiles and natural stone.
A water-resistant grouting mortar that can be used for indoor and outdoor applications and for walls and floors. Heightened level of resistance to wear. Not suitable for grouting timber walls and floors. Examples of applications include living and office spaces and healthcare facilities.

Other products/applications
- For grouting tiles laid on timber floors: PROF 123 omnifill.
- For grouting swimming pools, which come into contact with chemicals: PROF 123 omnifill.
- In locations where high-pressure cleaners are used we recommend WD FLEX R omnifill on account of its greater mechanical strength and resistance to wear.

Suitable surfaces
Suitable for use on virtually all stone and plaster bonded surfaces, suitable for sheeting material as well as with (electric) wall and floor heating systems.

Special preparation/preparing the surface
- Surfaces/joints must be absolutely dry and free of grease or dust.
- Before grouting, the tile adhesive, or (with flashing) the fresh bed of mortar must be given sufficient time to go off (harden).
- The joints must be scraped out well before application.
- *NB: porous natural stone (possible edge discolouration) and porous tile types are less suitable for grouting with 142 omnifill because they are difficult to clean. If necessary, apply a protective treatment to the surface to prevent the product penetrating any surface pores in the tiles. Always carry out a small test before starting to grout. Use appropriate gloves.

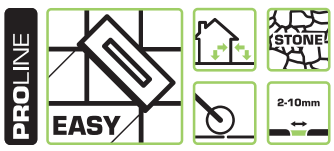
Instructions for application
To avoid colour differences, use only colours with similar batch numbers for each space.
Do not prepare more material than in the ‘pot life’ indicated.
- Prepare with clean tap water, according to the following proportions:
  - 1,2 to 1,4 litres of clean water for 5 kg of powder.
  - 3,6 to 4,2 litres of clean water for 15 kg of powder.
- Make sure the water is in the tub first and then add the powder to it.
- Use a mixer to mix everything together for at least 2 minutes until you obtain a homogeneous mass without any lumps. Excessive mixing causes unwanted air to get into the mixture.
- Leave the paste to rest for at least 5 minutes, then mix again before applying.
- Use a suitable grouting trowel to apply the grouting mortar diagonally and press into the joints.
- Do not work in temperatures below 5° C.

For further details about application and expansion, please refer to the “General instructions for application and information on grouting products” page.

Consumption
Minimum 650 g per m^2, for 30 x 30 cm tiles applied with adhesive, use a joint width of 5 mm and joint depth of 10 mm. Calculate consumption at www.omnicol.eu.

Product composition
142 omnifill is a modified grouting mortar based on cement, which contains carefully selected additives

Easy to work with



Tel. +31 [0]73 599 29 25 Tel. +32 [0]13 78 08 60 info@omnicol.eu

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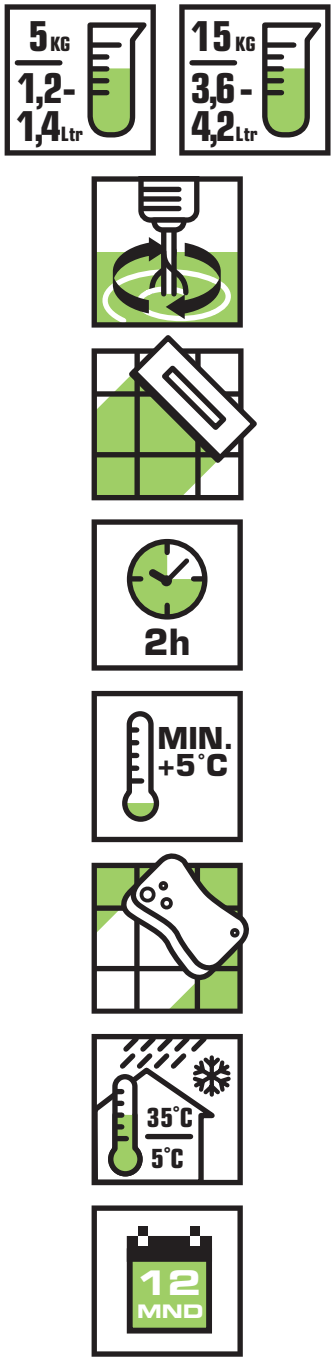

Technical properties

■	Supplied in the form of	: powder
■	Colours	: in line with the colour chart, see www.omnicol.eu *
■	CE classification	: CG2W A in compliance with EN 13888
■	Application time	: maximum 2 hours
■	Compressive strength	: in compliance with EN 12808-3: ≥ 15 N per mm^2
■	Bending strength	: in compliance with EN 12808-3: ≥ 3.5 N per mm^2
■	Shrinkage	: in compliance with EN 12808-4: ≤ 3 mm per m
■	Wear resistance	: in compliance with EN 12808-2: ≤ 1000 mm^3
■	Maintenance	: cleaning products with a pH of 7 or higher
■	Waiting time	: approx. 5 minutes after mixing
■	Setting time	: approx 24 hours, depending on the nature of the surface, temperature and relative humidity
■	Hardening	: achieved by drying and hydraulic setting
■	Min. joint width	: 2 mm
■	Max. joint width	: 10 mm
■	Max. working temperature	: 70° C
■	Water-resistant	: yes
■	Water absorption coefficient	: reduced water absorption in compliance with EN 12808-5 after 30 min.: ≤ 2 g after 240 min.: ≤ 5 g
■	Frost-resistant	: yes
■	UV ageing	: none

* Color: the color scheme on the packaging and in the documentation is an indication! The end result can deviate from this. Since several factors can influence the final color, we are not liable for this. Always set up a test piece in case of doubt. Always use equal batch numbers when using multiple packages.

Packaging

- Available in strong multilayer paper bags, which are sewn and secured using adhesive, with a net content of 15 kg.
- In small cardboard boxes with a net content of 5 kg. Packaged in thermoplastic film in groups of 4 boxes.

Storage and shelf life

- For storage, we recommend that you use a dry and sheltered area, as the powder is sensitive to moisture.
- Can be stored for 12 months in its original sealed packaging.

Health and Safety

142 omnifill contains cement. More detailed information about safety when handling cement-based products is available on request.

This technical data is based on many years of practical experience and laboratory research. We cannot be held liable for the work produced in accordance with our systems since factors on which we cannot make an assessment or influence also determine the final result. We guarantee that this product is always supplied in a quality that remains the same. If you have any doubts, we recommend performing tests yourself. See www.omnicol.eu for the most recent version of this TDS.

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