

# Cemafill PRO

Exterior grade cementitious ceramic tile and stone grout for joints up to 6 mm with abrasion resistance, mould, stain and water repellency (Formerly known as Cemafill WR)



## Description

Interior and exterior tile grout, suitable for grouting all types of ceramic tiles on floors and walls when water repellent grout is required.

## Applications

- ▲ For grouting of all types of ceramic tiles.
- ▲ Suitable for bathrooms, kitchens and wet areas.
- ▲ Non-sag, can be used for wall applications.
- ▲ Can be used internally and externally.
- ▲ High polymer content.

## Advantages

- ▲ Water repellent.
- ▲ Hygienic and mould repellency.
- ▲ Improved abrasion resistance.
- ▲ Stain repellency.
- ▲ Ready mixed, just requires the addition of water.
- ▲ High bond strength.
- ▲ Suitable for internal and external applications.
- ▲ Available in a wide range of colours.

## Standards

Cemafill PRO complies with BS5980 and BS EN13888 : 2002.

## Method of Use

### Substrate Preparation

All surfaces must be clean and free from oil, grease or loose materials. Gap to be filled should not exceed 6 mm to avoid slumping.

### Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

1.6 - 1.7 litres of clean water should be added to clean container for each 5 kg. The powder is then added slowly to the water while mixing continuously with low speed mixer/ drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until uniform consistency is obtained. Allow to stand for 3 minutes, and then mix again for 1 minute before using.

## Technical Properties:

Compressive strength: EN12808-3	4 MPa @ 1 day @ room temperature) ≥ 15 MPa @ 28 days @ room temperature
Working time:	≈ 90 min @ 20°C ≈ 30 min @ 35°C
Minimum application temperature:	5°C
Fresh wet density:	1.75 g/cm <sup>3</sup>
Resistance to abrasion: EN12808-2	491 mm <sup>3</sup>
Shrinkage:	0.025 mm/m
Water absorption after 240 mm: EN12808-5	1.7 g

## Application

- ▲ Apply using a spatula or a scraper.
- ▲ Remove excess material from the face of the tile using a dry cloth.
- ▲ Finish by running the tip of the gloved finger over the surface or by using a suitably curved tool.
- ▲ After drying, clean tiles with a damp sponge.
- ▲ It is recommended to remove grout from the tile surfaces before full setting of the grout. Failure to do so may result in difficulty in removing any remains.

### Notes:

- ▲ Low temperatures (between 5°C) will affect the physical properties of the unset material.
- ▲ During application and for at least 12 hours from application, the product should not be exposed to any water.

## Cleaning

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

## Packaging

Cemafill PRO is available in 5 kg bags.

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New Industrial Area, Street 21,  
Zone 81, bldg. # 9  
Doha - Qatar

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## Yield

The approximate yield of the grout can be calculated as per the following equation:

$$\text{Yield (m}^2\text{/kg)} = \frac{5.7}{\text{WD} \left(0.02 + \frac{1}{L} + \frac{1}{H}\right)}$$

Where:

- L: Tile length (cm)  
H: Tile width (cm)  
D: Average joint depth (mm)  
W: Average joint width (mm)

*Note: Grout yield subject to ±15% tolerance.*

## Storage

Cemafill PRO has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

## Cautions

### Health and Safety

As Cemafill PRO contains Portland cement, Cemafill PRO may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data Sheet.

## Fire

Cemafill PRO is nonflammable.

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#### Note:

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