



## Sealant for joints from 3 to 15 mm, class CG2

### DESCRIPTION

Improved cement sealing mortar (C) for joints (G) between tiles (2) from 3 to 15 mm. Classification as per European standard EN 13888 CG2. Suitable for plastering ceramic and stoneware tiles, clinker slips, and terracotta slips. Ideal as a grout for Termok8 Modular D and Facciavista. When mixed with water, the product yields a mortar that is easy to apply and clean. For indoor and outdoor use. For professional use.

### MAIN PROPERTIES

- For wide joints
- Suitable for modular TERMOK8 systems

### TECHNICAL DATA

Classification UNI 8681	Cement sealant for joints between all types of tile flooring and covering (single-fired, double-fired, clinker, porcelain stoneware, etc.) stone materials, mosaics, glass, brick and marble.
Maximum granulometry EN 1062	0.5mm
Maximum applicable thickness	joints from 3 to 15mm
Apparent bulk volume	1400 ± 50 g/l
Bulk volume in paste	2000 ± 50 g/l
pH	12
Type of binder	Cement-based (UNI 8681: TA)
Solid content	100%
Bending strength	5,5 N/mm <sup>2</sup>
Compression resistance	30 N/mm <sup>2</sup>
Thermal conductivity EN 1745	0,9
Water vapour transmission (μ)	5 - 20
VOC	Not covered by Directive 2004/42/CE

### CHARACTERISTICS

Colour range	Cement grey 30
Coverage	Formula for calculating consumption: $[(A + B)/(A \times B)] \times C \times D \times 1.6 = \text{Kg/m}^2$ A = tile length (in mm) B = tile width (in mm) C = tile thickness (in mm) D = joint width (in mm)
Coverage per pack	Typical consumption per 1mm of joint width according to tile format (cm) 10 x 10 x 06 = 0.330 Kg/m <sup>2</sup> ; 10 x 20 x 10 = 0.400 Kg/m <sup>2</sup> ; 25 x 25 x 12 = 0.270 Kg/m <sup>2</sup> 30 x 30 x 08 = 0.090 Kg/m <sup>2</sup> ; 33 x 33 x 10 = 0.100 Kg/m <sup>2</sup>
Mixing Ratio	18-20% with water 0.9-1 Litres per 5Kg package
Diluted with	Water
Open time EN 1346	20 min
Pot-life of mixture	About 2 hours
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.
Overpaintable	Compatibility with other products: compatible with all water-based products

## APPLICATION

### Suitable Substrates:

joints between all types of tile flooring and coverings (single-fired, double-fired, clinker, porcelain stoneware, etc.), stone materials, mosaics, glass, brick and marble.

### Preparation of the Substrate:

The joints must be clean, free of dust.

### Application Procedure:

Preparation of the mixture:

While mixing, pour SIGILTOW FL into a thoroughly cleaned container holding clean water (18%–20% by weight depending on the colour). Mix with a low speed mixer until the mixture is smooth.

Let the mixture stand for 2 – 3 minutes and then briefly remix before using.

Application of the mixture: with a rubber spatula, fill the joints with SIGILTOW FL working across the joints — this ensures thorough filling of the joints — and being careful not to leave any gaps or unevenness.

Finish: wait until the SIGILTOW FL has partially set (it will become matt after around 10-20 minutes) and then thoroughly clean with a damp cellulose sponge, working at a diagonal direction with respect to the joints. Rinse the sponge frequently. If cleaning is performed while the mixture is still plastic, the joints will be partially emptied and the colour will turn. We recommend working in areas of adequate size so that the joints can be filled and the tiles cleaned before the SIGILTOW FL has set completely. When it is hot or windy, it is important to keep the joints moist with clean water and, after a few hours, moisten the joints that have been filled with SIGILTOW FL. After final cleaning, if the tiles are still dirty, we recommend cleaning with an acid cleanser 10 days after laying. This is not recommended when marble or calcareous materials are involved. Procedure for cleaning with an acid cleanser: protect everything that could be damaged by splashing acid. If the surfaces to be cleaned are absorbent, they must be moistened with water before treatment with the acid cleanser. For cleaning façades, if common hydrochloric acid is used, make certain that the concentration does not exceed 10%; if necessary, dilute with clean water. Apply the acid cleanser using a scrub brush and leave in place for approximately 5 minutes: the visible stains must be removed with a spatula or abrasive sponge (Scotch-Brite). For very persistent scale or stains, repeat the wash procedure. Rinse thoroughly with water. For façades in hydrophobic slips, the acid cleanser wash must be performed with a pressure washer and hot water.

For TERMOK8 MODULAR BIG (porcelain stoneware) we recommend to grout with SIGILTOW FL mixed with RESINTOW diluted 1: 4 with water (concentration 20%).

- 25 kg bag of SIGILTOW FL: mix with 3.5 - 4.0 liters of water + 1 liter of RESINTOW (for porcelain stoneware)
- 5 kg bag of SIGILTOW FL: mix with 0.7 - 0.8 liters of water + 0.2 liter of RESINTOW (for porcelain stoneware)

For TERMOK8 MODULAR BIG made of reconstructed stone we recommend to dilute RESINTOW 1: 8-10. (concentration of about 10%).

- 25 kg bag SIGILTOW FL: mix with 4.0 - 4.5 liters of water + 0.5 liters of RESINTOW
- 5 kg bag SIGILTOW FL: mix with 0,8 - 0,85 liters of water + 0,1 liters of RESINTOW

### Type of Equipment:

spatula, mason's trowel, squeegee, low speed mixer

### Ambient Conditions:

min +5°C max +35°C

## STORAGE

### Packaging:

5 kg bags - 25 kg

### Duration and Preservation:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

## TECHNOLOGIES/CERTIFICATIONS

