



Sealant for joints from 3 to 15 mm, class CG2WA

DESCRIPTION

Improved cement sealing mortar (C) for joints (G) between tiles (2) from 3 to 15 mm. Classification as per European standard EN 13888 CG2WA. 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.

MAIN PROPERTIES

- For wide joints;
- Suitable for modular TERMOK8 systems

TECHNICAL DATA

Volatile organic compounds (VOC)	Not covered by Directive 2004/42/CE.
Granulometry (EN 13300 / EN 1062)	0.5mm
Open time (EN 1346)	20 min
Thermal conductivity (λ) (EN 1745)	0.9
Water vapour transmission (μ) (EN 1015-19)	5 - 20
Bending resistance	5 N/mm ²
Compression resistance	27 N/mm ²
Apparent bulk volume	1400 ± 50 g/l
Bulk volume in paste	2000 ± 50 g/l
	12
Type of binder	Cement-based (UNI 8681: TA)
Solid content	100%
Mixing Ratio	18-20% with water;
Maximum application thickness	joints from 3 to 15mm
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.

CHARACTERISTICS

Pot-life of mixture	About 2 hours
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) $10 \times 10 \times 06 = 0.330 \text{ Kg/m}^2$; $10 \times 20 \times 10 = 0.400 \text{ Kg/m}^2$; $25 \times 25 \times 12 = 0.270 \text{ Kg/m}^2$ $30 \times 30 \times 08 = 0.090 \text{ Kg/m}^2$; $33 \times 33 \times 10 = 0.100 \text{ Kg/m}^2$
Overpaintable	Compatibility with other products: compatible with all water-based products
Colour range	Manhattan 33, Grigio cemento 30, Silver 29, Beige 15, Jasmine 02, Bianco 01, Materia 36, Caramel 43, London 44

Dilution

Water

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.

Ambient Conditions:

min +5°C max +35°C

Preparation of the Substrate:

The joints must be clean, free of dust.

Type of Equipment:

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

Application Procedure:

Preparation of the mixture:

While mixing, pour SIGILTOW FL into a thoroughly cleaned container holding clean water (18%-20% water +Resintow 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)

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

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

Packaging:

5-25 kg bags

Storage:

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

TECHNOLOGIES/CERTIFICATIONS

