

# webercolor basic



## Cement-based sealant for joints up to 4 mm, with smooth finish

- Stable colors
- Water repellent
- Low withdrawals
- Excellent adhesion
- High resistance to abrasion



EN13888  
Cementitious mortar for joints of CG2WA class



### Fields of use

Finish for joints up to 4 mm in interiors, exteriors, floors and walls. Grouting of:

- Ceramic tiles, natural stones, mosaics
- Marble, marble-resin
- Terracotta, tiles
- External and internal glass block walls

### Do not apply on

- Damp substrates to avoid possible saline effects
- Frozen supports, in the thawing phase, or with risk of freezing in the following 24 hours

### Consumption

$$(a+b)/(axb)xsxfx1,5= \text{kg/mq}$$

a = tile length in mm

b = tile width in mm

s = tile thickness in mm

f = gap width in mm

### Product characteristics

Packaging:	bag of kg 25, 5 e 2
Life	Efficacy of the performance characteristics in intact bag far from moisture 25 kg bag 25 kg <b>12 months</b> bag 5 kg: <b>24 months</b> bag 2 kg: <b>24 months</b>
Colours:	see color chart

### Way of installation\*

Mixing water:	32÷34%
Application temperature	da +5°C a +35°C
Mixture life time	60 min
Transitability:	after 24 ore
Put in operation after	7 days

\* These times calculated at 23 ° C and R.H. 50% are elongated by the low temperature associated with high values of U.R. and reduced by heat

### Realization of the joints\*

Execution of wall joints	6 ÷ 8 hours (covering put with normal setting adhesive)
Execution of floor joints	24÷ 48 hours (floor put with normal setting adhesive) • 7-14 days (floor put with mortar)

\*These times calculated at 23 ° C and R.H. 50% are elongated by the low temperature associated with high values of U.R. and reduced by heat.

### Technical Data\*

Compressive strength:	• After 28 gg: (EN 12808-3): $\geq 30$ N/mm <sup>2</sup> • After freeze-thaw cycles (EN 12808-3): $\geq 15$ N/mm <sup>2</sup>
Flexural strength	After 28 gg (EN 12808-3): $\geq 6$ N/mm <sup>2</sup> • After freeze-thaw cycles (EN 12808-3): $\geq 2,5$ N/mm <sup>2</sup>
PH of the mixture	12
Moisture resistance	Excellent
Aging resistance:	Excellent
Resistance to solvents and oils:	Excellent
Resistance to acids	Excellent
Resistance to alkalis	Excellent
Temperature resistance:	from -30°C to +90°C
Water absorption:	Water absorption (EN 12808-5): • $\leq 2,00$ g/30 min • $\leq 5,00$ g/240 min
Abrasion resistance	$\leq 1000$ mm <sup>3</sup>
Density of the hardened product	1,95 g/cm <sup>3</sup>
Density of the powder:	1,05 g/cm <sup>3</sup>

\*These values derive from laboratory tests in a conditioned environment and could be significantly modified by the conditions of implementation.

# Application cycle

## Application kit

Low speed drill, rubber spatula, sponge.

## Substrates preparation

Before starting the plastering operation, check that the adhesive is completely hardened and that the times indicated in the technical data sheet have passed. The joints to be plastered must be clean and free from glue or mortar for their entire thickness. Materials that have a porous surface such as Tuscan terracotta require a prior application of suitable waxes, taking care not to involve the joints in the treatment. On materials with micro and macro cavities, a preventive cleanability test is recommended.

## Application

### Mixture preparation

Spill a 25 kg bag into 8-8.5 liters of clean water, or 1.6-1.7 liters for a 5 kg bag. Mix with a trowel or low-speed drill until a homogeneous and lump-free mixture is obtained. Let the dough rest for 2 minutes and re-shake briefly before use.

- Check that the joints are free from adhesives or mortar



- Plaster with a special rubber spatula, paying particular attention to filling the joints. Once the laid material begins the plastic gripping phase, clean it with clean water and a sponge, transversely to the grouting. If cleaning is carried out too early, the joints may be partially emptied and the final color may be altered. If the material has already hardened in the joint, a mechanical cleaning must be carried out which could damage the surface of the tile.



- By mixing **webercolor basic** with **weber L50** latex, in total replacement of the mixing water, a product with improved elasticity, flexibility and waterproofing is obtained, such as to allow application in swimming pools, facades, terraces and bathrooms. In the case of rough, porous, terracotta, polished stoneware surfaces, it is recommended to carry out a preliminary cleaning test.

## Warnings and Recommendations

- Ready-to-use product: add water according to the indicate quantity. Do not use water dosages other than those recommended, as mixes made with different mixing ratios may have different color shades
- A preventive cleanability test is recommended on materials with micro and macro cavities
- A thin whitish layer may sometimes form on the surface of the joints made with cementitious products. This phenomenon, called efflorescence, can be caused by various factors that occur during the drying and the hardening of the material. These factors include, for example: an excess of water in the mix, substrates and installation adhesives that are not perfectly dry, or conditions of low temperature and high environmental humidity; any washing with **weberklin A** after about 7 days, could mitigate or resolve the above phenomenon, a preliminary test on a small surface is recommended

## Material Specifications

Execution of sealing internal and external floors and walls with cementitious sealant, with low shrinkage, with a smooth finish (type **webercolor basic** of Saint-Gobain Italia S.p.A.), suitable for filling joints from 0 to 4 mm. Classified CG2WA according to EN13888

The product must have the following characteristics:

<b>Compressive strength:</b>	<ul style="list-style-type: none"><li>• After 28 gg: (EN 12808-3): <math>\geq 30</math> N/mm<sup>2</sup></li><li>• After freeze-thaw cycles (EN 12808-3): <math>\geq 15</math> N/mm<sup>2</sup></li></ul>
<b>Flexural strength:</b>	<ul style="list-style-type: none"><li>• 28 gg (EN 12808-3): <math>\geq 6</math> N/mm<sup>2</sup></li><li>• After freeze-thaw cycles (EN 12808-3): <math>\geq 2,5</math> N/mm<sup>2</sup></li></ul>
<b>Water absorption:</b>	Water absorption (EN 12808-5): <ul style="list-style-type: none"><li>• <math>\leq 2,00</math> g/30 min</li><li>• <math>\leq 5,00</math> g/240 min</li></ul>
<b>Abrasion resistance:</b>	$\leq 1000$ mm <sup>3</sup>
<b>Density of the hardened product:</b>	1,95 g/cm <sup>3</sup>

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