

weber.joint perfect

HIGH PERFORMANCE, LOW STAIN, CEMENTITIOUS TILE GROUT WITH HYDRO REPELL AND MOULD STOP TECHNOLOGIES



PRODUCT

weber.joint perfect is a high performance cement-based pre-mixed non-shrink grout, used for filling tile joints in wet and dry areas.

Specific attributes:

- Highly resistant to staining (even coffee, wine, ketchup, etc...)
- Anti-fungus with MOULD STOP Technology
- Highly water resistant with HYDRO REPELL technology
- Anti-cracks (joints between 1.5 and 20 mm width)
- High abrasion resistance

weber.joint perfect is easy to apply and can be cleaned easily.

It only needs to be mixed with water. weber.joint perfect is available in a wide range of attractive colors (please consult our color chart board).

natural stones, glass mosaics, earthenware (faience), porcelain, terracotta, etc...

weber.joint perfect can be used for internal and external applications, including:

- Swimming-pools
- Balconies
- Terraces
- Wet areas
- Bathrooms, kitchens
- Stairs

Please consult our technical department for special application cases.

SCOPE OF USE

weber.joint perfect is suitable to fill joints from 1.5 to 20 mm width, between ceramic tiles, marble and

CHARACTERISTICS

Mixing Water	1.2 to 1.3 L per 5kg bag
Fresh Density at 23 °C	1.8 +/- 0.15
Setting time (min) at 23 °C	45 min

TEST RESULTS

Test results as per EN 13888:2009	Results	Standard requirements for type CG class 2WA
Flexural Strength as Per EN 12808-3:2002 (N/mm ²)	6 N/mm ²	>3.5 N/mm ²
Compressive Strength as per EN 12808-3:2002	30 N/mm ²	>15 N/mm ²
Water Absorption after 30 min as per EN 12808-5	0.1 g	< 2 g
Water Absorption after 240 min as per EN 12808-5	0.25 g	< 5 g
Shrinkage as per DIN EN 12808-4 at 28 days standard conditions	1.38 mm/m	< 3 mm/m

APPLICABLE STANDARDS

EN 13888:2009

Classification according to EN 13888: CG2 WA

INSTRUCTIONS FOR USE

SURFACE PREPARATION

To start grouting the tiles, a minimum of 24 hours from tiling should be respected (minimum 4 hours

only if a fast-setting adhesive like weber.col F1 or weber.col fast has been used for tiling).

The grooves between all external and internal surfaces to be grouted must be sound and thoroughly cleaned before the application of weber.joint perfect. All traces of oil or grease must be removed. All loose particles of mortar or tile adhesive in the grooves must be physically removed.

weber.joint perfect

The gap width between tiles must be between 1.5 and 20mm.

PRODUCT PREPARATION

Mix 5 kg of weber.joint perfect with 1.2 to 1.3 L of water. An electric mixer with low rotation speed (<300 rpm) should be used.

Mix until a uniform lump free paste is obtained. It is important to let the paste rest for a minute before starting the application.

PRODUCT APPLICATION

Apply weber.joint perfect with a rubber spatula into the joints by filling all the gaps. Remove surplus grout with a damp sponge. Use the product within a maximum of 45 min (depending on temperature) after mixing.

When the grout is dry, clean the tiles with a dry cloth. In case of hot or windy conditions, it is recommended to dampen the joint a few hours after application of weber.joint perfect (cover the area, and use cool water to mix weber.joint perfect).

Do not spray water under high pressure and avoid using any chemical cleaning agent on the grout until 3 days after the application.

CONSUMPTION

EXAMPLES OF CONSUMPTION (IN KG/M²):

Joint Width (mm)	Tile Size (cm)			
	5 x 5	15 x 15	30 x 30	60 x 60
2	1.8	0.24	0.12	0.06
4	3.60	0.48	0.24	0.12
6	-	-	0.36	0.18
10	-	-	0.60	0.30

This formula does not include application wastage

TILE GROUT CONSUMPTION FORMULA:

$$C = 0.18 \times E \times H \times [(L + W) / (L \times W)]$$

C : Consumption (kg/m²)

E : Joint Width (mm)

H : Tile Thickness (mm)

L : Tile Length (cm)

W : Tile Width (cm)

CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

PACKAGING

weber.joint perfect is supplied in 5kg plastic pails and 5kg plastic bags (depending on countries).

SHELF LIFE

weber.joint perfect can be stored for 2 years in its original packaging, stored away from extreme temperatures and in dry conditions.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning thoroughly with soap and water. In case of contact with eyes, wash thoroughly with clean water and seek medical attention. If swallowed, do not induce vomiting and seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, all recommendations concerning the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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