

High performance, low stain, cementitious tile grout with hydro repell® and mould stop® technologies

PRODUCT

weberjoint 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 stain resistant (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

weberjoint perfect is labeled with the "EC1 Plus" classification code. The classification guarantees a low emission of Volatile Organic Compounds (VOCs) and the absence of emission of carcinogenic substances.

weberjoint perfect is easy to apply and can be cleaned easily. It only needs to be mixed with water. **weberjoint perfect** is available in a wide range of attractive colors (please consult our color chart board).

SCOPE OF USE

weberjoint perfect is suitable to fill joints from 1.5 to 20 mm width, between ceramic tiles, marble and natural stones, glass mosaics, earthenware (faïence), porcelain, terracotta, etc...

weberjoint perfect can be used for internal and external applications, including:

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

Expansion joints in walls and floors should be filled with an appropriate sealant like **weber jointseal PU** or **weber seal PS 1000 PG/GG**.



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
5 Kg	5 Kg	5 Kg	5 Kg	5 Kg	5 Kg	5 Kg	5 Kg

CHARACTERISTICS

Mixing water	1.15 to 1.25 L./ 5 kg bag
Fresh density @ 23 °C	1.8 ±0.15
Color	29 colors in the Near East 23 colors in the Gulf & KSA
Pot Life	45 min.
Setting time (min) at 23 °C	45 min.
Service Temperature	-20 °C to +70 °C
VOC & formaldehyde content	None (<10µg/l)

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	>15 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
Abrasion Resistance as per EN 12808-2:2002 (mm ³)	≤1000mm ³	≤1000mm ³

APPLICABLE STANDARDS

ANSI A118.7 (polymer modified cement grouts)
EN 13888:2009
Classification according to EN 13888: CG2 WA

INSTRUCTIONS FOR USE

PRECAUTIONS

Before grouting with weberjoint perfect, make sure that the adhesive has completely dried; it will depend on site and weather conditions.

- 24 hours minimum after standard tile adhesives application (**webercol flex**, **webercol plus**, **webercol fix**, etc...)
- 4 hours minimum after fast-setting tile adhesives application (**webercol fast**, **webercol F1**, **webercol flex FS**)
- 14 days minimum after tiling with traditional "site-mix" mortar on floors (minimum 3 days for walls)
- Some tiles with a matt or porous texture are prone to surface staining when coloured grouts are used. It is recommended to check that no stain will occur by testing on small surface before starting the whole job.

SURFACE PREPARATION

The grooves between all external and internal ceramic surfaces to be grouted must be sound and thoroughly cleaned before the application of the product. All traces of oil or grease must be removed. All loose particles of mortar or tile adhesive in the groove must be physically removed. Joints should be emptied to at least 2/3 of the tile thickness. Before grouting make sure that tiles are set and that the adhesive had completely dried. joints width should be from 1.5 mm to 20 mm.

PRODUCT PREPARATION

Mix 5 kg of **weberjoint perfect** with 1.15 to 1.25 Lit. of clean cool water by adding the powder over the water gradually. The amount of mixing water must be respected to avoid efflorescence over the surface of the grout. An electric mixer with low rotation speed (< 300 rpm) should be used. Mix for about 3 to 5 minutes until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION

Apply **weberjoint perfect** with a rubber spatula into the joints diagonally by filling all the gaps, make sure that the product is well compacted with no voids. Use the product within a maximum of 45 min (depending on temperature) after mixing.

Cleaning of joint surfaces

Allow the grout to dry (10 or 20 minutes depending on the weather condition) before starting the cleaning process, remove surplus with a damp sponge moving diagonally to prevent removal of grout within the joints. Rinse the sponge frequently using two water containers, one to remove the grouts residue and the other one to clean the sponge. Avoid excess of water while cleaning to prevent discoloration of joints. When dry, polish the tiles with a clean, dry cloth. Do not spray water under high pressure and avoid using any chemical cleaning agent on the grout until 3 days after the application

CURING

In case of hot or windy conditions, it is recommended to dampen the joint a few hours after application of **weberjoint perfect**, it improves its final performance.

RECOMMENDATION

In external application, protect the worked area from rain and freezing for 72 hours.
In internal application avoid water immersion for 72 hours.

CLEANING

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

CONSUMPTION

Examples of consumption (in kg/m²):

Tile size (cm)	Joint width (mm)			
	2	4	6	10
2.5 x 2.5*	2.30	-	-	-
15 x 15	0.38	0.77	1.15	1.92
30 x 30	0.19	0.38	0.58	0.96
60 x 60	0.10	0.19	0.29	0.48

Indicative consumptions calculated with a tile thickness of 8mm

* In the case of mosaics with a size of 2.5 x 2.5 cm, the tile thickness of 5mm was used to calculate the consumption. These values only give an indication about the grout consumption
The real product consumption can differ depending on site conditions and wastage when grouting.

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)

STORAGE

weberjoint 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, 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.

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