weberjoint /weberjoint thick

Cementitious tile grout

PRODUCT

weberjoint and **weberjoint thick** are cement-based pre-mixed compressible non-shrink grouts, used for filling tile joints in wet and dry areas. They are water resistant, easy to apply, and can be cleaned easily.
They are thixotropic, crack-free, non-slump grouts that only need to be mixed with water. Available in a wide range of attractive colors (please consult our color chart board).

SCOPE OF USE

weberjoint / **weberjoint thick** are suitable for walls and floors for internal applications, including:

- Wet areas (like bathrooms and kitchens)
- Stairs
- Rooms

weberjoint / **weberjoint thick** are available for two types of tile joints:

- **weberjoint**: joints from 1.5 to 4 mm wide.
- **weberjoint thick**: joints from 4 to 10 mm wide.

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

CHARACTERISTICS	
Appearance	Powder
Density	1.9 Kg/L
Composition	Cement, mineral charges, hydrophobic agent, synthetic organic polymers, pigments
Color	29 colors in the Near East 23 colors in the Gulf & KSA
Pot Life	2 hrs at 20°C
Shelf Life	12 to 24 months depending on packaging and country
Mixing Ratio	
weberjoint	5 to 6.4 lit. / 20 kg bag approx.1.3 lit / 5 kg bag
weberjoint thick	4.5 to 5 lit. / 25 kg bag
Service Temperature	-20°C to +70°C
VOC & formaldehyde content ISO/FDIS11890-2/GC-MS	None (<10µg/l)



PACKAGING weberjoint

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
5 kg	5 kg	5 kg	5 kg	5 kg	5 kg	10 kg	5 kg
-	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg

PACKAGING weberjoint thick

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg

TEST RESULTS (weberjoint)

Test results as per EN 13888:2009 - weberjoint (Unsanded)	Results	Standard requirements for type CG class 1
Flexural Strength as Per EN 12808-3:2002 (N/mm²)	≥ 3.5	≥ 3.5 N/mm²
Compressive Strength as per EN 12808-3:2002 (N/mm²)	≥ 15	≥ 15 N/mm²
Abrasion Resistance as per EN 12808-2:2002 (mm³)	≤ 600	≤ 2000 mm3
Water Absorption after 30 min as per EN 12808-5 (g)	≤ 5	≤ 5 g
Water Absorption after 240 min as per EN 12808-5 (g)	≤ 10	≤ 10 g
Shrinkage as per EN 12808-4 at 28 days standard conditions (mm/m)	≤ 3	≤ 3 mm/m

TEST RESULTS (weberjoint thick)

Test results as per EN 13888:2009 - weberjoint thick (Sanded)	Results	Standard requirements for type CG class 2WA
Flexural Strength as Per EN 12808-3:2002 (N/mm²)	≥ 3.5	≥ 3.5 N/mm²
Compressive Strength as per EN 12808-3:2002 (N/mm²)	≥ 15	≥ 15 N/mm²
Abrasion Resistance as per EN 12808-2:2002 (mm³)	≤ 500	≤ 1000 mm3
Water Absorption after 30 min as per EN 12808-5 (g)	≤ 2	≤ 2 g
Water Absorption after 240 min as per EN 12808-5 (g)	≤ 5	≤ 5 g
Shrinkage as per EN 12808-4 at 28 days standard conditions (mm/m)	≤ 3	≤ 3 mm/m

APPLICABLE STANDARDS

ANSI A118.6 & ANSI 118.7
ASTM C109: 95
BS 1881, Part 207
EN 13888:2009
** The test according to ANSI 118.7 was done at 25% water ratio*

INSTRUCTIONS FOR USE

PRECAUTIONS

Before grouting with **weberjoint**/**weberjoint thick**, 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).
The gap between tiles should not exceed 4mm for **weberjoint**, and 10mm for **weberjoint thick**.

PRODUCT PREPARATION

Mix 20 kg of **weberjoint** with 5 to 6.4 Lit. of clean cool water (or a 5 kg bag with around 1.3 Lit of water), or 25 kg of **weberjoint thick** with 4.5 to 5 Lit. of water. 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) can be used.
Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION

Apply **weberjoint** / **weberjoint thick** with a rubber spatula into the joints by filling all the gaps, make sure that the product is well compacted with no voids.

CLEANING OF JOINT SURFACES

When the grout begins to dry (10 or 20 minutes depending on the weather condition) start 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** / **weberjoint thick**, it improves its final performance.

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 x E x H x [(L + W) / (L x 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.

STORAGE

12 or 24 months depending on packaging after manufacturing date in original and non-open packaging , under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

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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*Available only in UAE & Oman