



# weberjoint protect

Anti-Bacterial CG2WA Tile  
Grout

*Tile Fixing*

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	-	-	-	5kg	-
-	-	-	-	-	-	10kg	-

## PRODUCT

**weberjoint protect** is a CG2WA tile grout equipped with **Protect3 technology** that protects against Bacteria, Fungus and Algae.

**weberjoint protect** is ideal for use in indoor wet areas while being an excellent solution for outdoor tile grouting with tile joint widths up-to 7mm.

The special additives of **weberjoint protect** allows it to be actively eradicating Bacterial colonies, Black Mold, Fungus and Algae growth making **weberjoint protect** a perfect solution for attaining hygienic surfaces.

Hygienic surfaces are most favorable in bathrooms, kitchens, food industries, hospitals, kindergartens and households with infants and children.

## SCOPE OF USE

**weberjoint protect** is suitable for grouting:

- Floor tiles
- Wall tiles

**weberjoint protect** can be used for grouting most types of tiles:

- Ceramic

- Porcelain
- Mosaic
- Quarry
- Marbles
- Natural stone
- Terrazzo & Terracotta tiles
- etc.

**weberjoint protect** is a CG2WA water resistant grout and safe for outdoor grouting:

- Swimming-pools
- Balconies
- Terraces
- facades
- etc.

Equipped with **Protect3 Technology** which protects against Bacteria, Fungi, Black Mold & Micro Organisms. **weberjoint protect** makes an excellent grout for wet areas:

- Toilets
- Kitchens
- Car Washes
- Stairs
- Bedrooms, living rooms, etc
- Other residential or common area

## BENEFITS

- Anti-Bacteria with **Protect3 technology**
- Anti Fungus, Mold & Algae

- High abrasion resistance
- Very low water absorption
- Easy to clean
- Anti-cracks (joints up to 7 mm width)
- Low shrinkage
- High strength
- Smooth finishing

## CHARACTERISTICS

Appearance	Powder
Composition	Cement, mineral charges, hydrophobic agent, anti-bacterial agents, synthetic organic polymers, pigments
Colors	28 colors available
Fresh density	1.9 kg/L
Setting Time	1h 15 minutes
Pot life	2 hours
Service temperature	-20°C to +70°C
Set For Foot Traffic	24 hours
Water mixing ratio	1.2 to 1.4 liters - 5kg Package 2.4 to 2.8 Liters - 10kg Package
Paste Consistency	Homogeneous thin tiling grout
Total Volatile Organic (VOC)	None (<5g/L) - (EPA Method 24)
Joints Width	Up to 7mm
Shelve Life	24 months

## TEST RESULTS

Test results as per EN 13888:2009	Standard requirements for type CG class 2WA	Results
Flexural strength after dry storage	> 3.5 N/mm <sup>2</sup>	5 MPa
Compressive strength after dry storage	>15 N/mm <sup>2</sup>	22 MPa
Shrinkage	< 3 mm/m	< 1 mm/m
Water absorption after 30 min	≤2 g	< 1.5 g
Water absorption after 240 min	< 5 g	< 2.5 g
Abrasion Resistance	≤1000mm <sup>3</sup>	≤1000mm <sup>3</sup>

## APPLICABLE STANDARDS

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

## INSTRUCTIONS FOR USE

Before grouting with **weberjoint protect**, 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...) and 6 hours minimum after rapid-setting tile adhesives application (**webercol fast**, **webercol premium F**, **webercol rapid flex**).

## SUBSTRATE PREPARATION

The grooves between all external and internal tile surfaces to be grouted must be sound, dried, 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. **weberjoint protect** can be used for grouting joints width up to 7mm.

## PRODUCT APPLICATION

Apply **weberjoint protect** with a rubber trowel into the joints diagonally by filling all the gaps, make sure that the product is well compacted with no voids. Avoid grouting in hot (mid-day under direct sun light) or windy or too dry environments, it is rather advised to grout in the morning or afternoon hours during the summer season.

## Cleaning of joint surfaces

Allow the grout to dry (10 or 15 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 with clean water to clean the sponge and to remove the grouts residue. Avoid excess of water while cleaning to prevent discoloration of joints. When dry, clean 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.

## RECOMMENDATION

For external application, it is recommended to protect the worked area from rain and freezing for 72 hours. For internal application, avoid water immersion for 72 hours.

## CURING

When grouting in hot or windy or dry weather conditions which may persist for the coming days, it is advisable to cure the joints by lightly dampening them with clean water the second day after grouting, making sure not to contaminate or stain the grouted joints in the process.

## 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/m<sup>2</sup>)

Tile size (cm) / Joint width (mm)	2	4	5	7
2.5x2.5*	2.30	-	-	-
15x15	0.38	0.77	0.96	1.34
30x30	0.19	0.38	0.48	0.67
60x60	0.10	0.19	0.24	0.34

\* 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.

Indicative consumptions calculated with a tile thickness of 8mm

## TILE GROUT CONSUMPTION FORMULA:

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

C: Consumption (kg/m<sup>2</sup>)

E: Joint Width (mm)

H: Tile Thickness (mm)

L: Tile Length (cm)

W: Tile Width (cm)

## STORAGE

24 months 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.

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