

**Tile Grouts / Cement Based Tile Grouts****FIXA®****FLEX Tile Grout CG2WA (1 - 6 mm)****DESCRIPTION**

Cement based, high performance, single component, easy-to-apply, **flexible** tile grout which forms **smooth surfaces** for **1 – 6 mm** joints with reduced water absorption and high abrasion resistance.

**APPLICATION AREAS**

- Indoor and outdoor,
- Horizontal and vertical applications,
- Places such as pools, water tanks, sauna and Turkish baths,
- Floor heating systems,
- Grouting **1 - 6 mm** joints of coverings such as granite ceramic, bigger sized ceramics, tiles, natural granite, marble, clinker and glass mosaic.

**TECHNICAL PROPERTIES**

<b>Appearance</b>	White or colored fine powder
<b>Powder Density</b>	~ 1.10 kg/L
<b>Water Mixing Ratio</b>	6 - 7 L water / 20 kg powder
<b>Resting Period</b>	5 - 10 minutes
<b>Pot Life</b>	~ 1 hour
<b>Application Temperature</b>	Between +5°C and +35°C
<b>Service Time</b>	Wall: 12 hours Floor: 24 hours
<b>Flexibility</b>	Good
<b>Flexural Strength</b>	≥ 2.5 N/mm <sup>2</sup> (EN 12808-3)
<b>Compressive Strength</b>	≥ 15 N/mm <sup>2</sup> (EN 12808-3)
<b>Abrasion Resistance</b>	≤ 1000 mm <sup>3</sup> (EN 12808-2)
<b>Shrinkage</b>	≤ 3 mm/m (EN 12808-4)
<b>Water Absorption</b>	In 30 minutes ≤ 2 g (EN 12808-5) In 240 minutes ≤ 5 g (EN 12808-5)
<b>Service Temperature</b>	-30°C / +80°C

**ADVANTAGES**

- Does not cause color fading, dusting and cracking.
- Provides a smooth surface.
- Not affected by sudden temperature changes.
- Resistant to water and frost.
- Can be used in floor heating systems.
- Bonds well on the sides of the ceramics without cracking.
- Offers a wide selection of colors and is decorative
- Resistant to abrasion.

**CONSUMPTION**

Refer to the tile grout consumption table.

**PACKAGING**

1 kg and 5 kg polyethylene bags  
10 kg and 20 kg kraft bags

## APPLICATION

### PREPARATION OF THE SURFACE

- Confirm that the adhesive is completely dry and that the ceramics are well adhered so that they do not move during the application.
- Clean with a thin stick or brush all kinds of dust, dirt, sawdust, construction and cement residues remaining in the joint gaps on the surfaces where the flooring process is complete. The joint gaps should be dry.
- Joint gaps must be at least 2/3 of the thickness of the ceramics.
- Moisten the joint gaps with a wet sponge.

### PREPARATION OF THE MORTAR

- Add 20 kg of FIXA FLEX Tile Grout (1 – 6 mm) in to 6 – 7 kg of clean water and mix with a low speed mixer until there are no lumps.
- Pay attention to the amount of water, avoid slurry application with excess water. Excess water will cause cracks, quick abrasions and dusting.
- Let the mortar rest to mature for 5 – 10 minutes and mix again for 1 – 2 minutes before use.
- Use the product in the pot within 1 hour.

### APPLICATION

- Fill the grout into the joints with a hard rubber tipped squeegee or a hard rubber based joint spreading trowel. In order to fill the gaps thoroughly, pull it first parallel and then diagonally.
- Scrap off the excess of the mortar on the surface with a moistened soft-tipped spatula. Wipe the thin layer that may remain on the surface with a damp sponge and clean thoroughly in 15 – 30 minutes depending on the ambient temperature.
- Do not wipe the joints prematurely. The sponge should not be wet more than necessary to avoid color fluctuations. Clean the sponge frequently.
- It dries on the walls after 12 hours, the floors can be walkable after 24 hours, and can be opened to pedestrian traffic after 7 days.

### CAUTION

- Avoid application at temperatures below +10°C and above +35°C.
- Avoid application in frozen areas, where there is a risk of freezing within 24 hours or in areas open to direct sun and wind.
- Do not add water or powder to the expired mortar.
- Do not clean the grouts with muriatic acid or bleach. Use **FIXA Tile Grout Cleaner**.
- Turn the floor heating system off 24 hours before the application.

### SHELF LIFE

Expires in 12 months. Store unopened packages in a dry environment, stack up to 10 packages on the pallet.

### HEALTH AND SAFETY

As with all chemical products, avoid contact with food, skin, eyes and mouth during use and storage. In case of contact immediately wash with plenty of water. Consult a doctor if accidentally swallowed. During the application,



## Technical Data Sheet (TDS)

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use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules.  
Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at  $23\pm 2^{\circ}\text{C}$  temperature and  $50\pm 5\%$  relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.