

DESCRIPTION

- Cement based improved tile grout (joint filling mortar) with reduced water absorption and high abrasion resistance for coatings like tiles, ceramics, glass mosaic, marble, granite, etc.

INTENDED USES

- Horizontal and vertical applications of interior and exterior surfaces,
- Used in wet surfaces such as bathrooms & kitchens.
- Used for filling ceramic, tile, marble and granite joints adhered to existing surfaces.

PROPERTIES

- Easy to use. Desired consistency can be achieved by mixing with water only.
- Leaves no scratches on the surfaces.
- Highly resistant to abrasion resistance.
- Resistant to impact and vibration.
- Provides smooth surface.
- Since it has low water absorption, it hardly gets dirty.
- Has high performance.
- Used in tile grout applications up to 6 mm width.
- Resistant to freeze-thaw cycle.
- Available in 15 various colours.

SURFACE TREATMENT

- The surface must be clean, dry, smooth and solid.
- The adhesive must be cured before grouting.
- The joint must be completely free from residues such as dust and cement residues that will prevent adhesion between tiles. The depth of the joint should be at least 2/3 of the tile thickness.
- When using materials in highly absorbent coatings, while applying in hot and windy weather, the joints should be moistened with clean water.

APPLICATION

- Slowly pour 20kg FUGAFLEX powder into 6.0-6.6 litres water and thoroughly mix it until it becomes a smooth, homogeneous substance. The mixture should be made with a low speed mixer.
- Excessive or insufficient amounts of water can cause cracking, dusting and colour defects.
- Rest the prepared mortar for 5-10 minutes and stir it again for 1-2 minutes before application.
- The grout should be spread on the surface and filled with the rubber spatula with cross movements to the joints and the excess must be removed from the surface.
- When the material filled in the joint loses its water and becomes matt, usually after 10-20 minutes, the surface should be cleaned with a damp sponge with circular movements.

TECHNICAL DATA

Appearance	Powder in 15 various colours
Application temperature	(+5°C) - (+30°C)
Temperature resistance	(-30°C) - (+60°C)
Open time	20 minutes
Completely curing time	12 hours
Initial curing time	20 minutes (20°C)
Time to open the surface for use	1 hour
Time required for foot traffic	24-48 hours

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

WARNINGS AND RECOMMENDATIONS

- Colour fluctuation may occur when wiping is performed before due time or by using an excessively wet sponge. Sponge should be cleaned at regular intervals.
- When FUGAFLEX is dry enough not to drag from the joints, any residue left can be cleaned from the surface with a clean dry cloth.
- When applied on very hot, dry and windy conditions, it is advisable to sprinkle water on a few hours after the application to improve final performance.
- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.

CONSUMPTION

TILE DIMENSIONS	JOINT WIDTH			
	2 mm (g/m ²)	3 mm (g/m ²)	4 mm (g/m ²)	6 mm (g/m ²)
10x10 cm	550	700	950	1500
10x20 cm	350	550	750	950
20x20 cm	600	400	500	750
25x40 cm	200	250	300	500
30x30 cm	150	250	350	450
60x60 cm	80	120	150	225

PACKAGING

- 20 kg Kraft paper bag (pallet 64 bags, 1280 kg)

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

QUALITY CERTIFICATES

- In Accordance with TS EN 13888 standards and CG2WA class.
- CG Cementitious grouting material
- 2 Improved grouting material
- W Reduced water absorption
- A High abrasion resistance

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SYSTEM 4

FUGAFLEX Silicone additive flex tile grout 1-6 mm/CG2WA
TS EN 13888

Improved cementitious grouting material with reduced
water absorption and high abrasion resistance

High abrasion resistance	: $\leq 1000 \text{ mm}^3$
Flexural strength after dry storage	: $\geq 2.5 \text{ N/mm}^2$
Compressive strength after dry storage	: $\geq 15 \text{ N/mm}^2$
Flexural strength after freeze-thaw cycle	: $\geq 2.5 \text{ N/mm}^2$
Compressive strength after freeze-thaw cycle	: $\geq 15 \text{ N/mm}^2$
Shrinkage	: $\leq 3 \text{ mm/m}$
Water absorption (30th minute)	: $\leq 2\text{g} - \leq 5\text{g}$
Water absorption (240th minute)	: $\leq 2\text{g} - \leq 5\text{g}$