

## **FUGAFIX® POOL**

**Cement-Based, High Performance Tile Grout Developed for Pool Applications**

*Grout for joints from 1 to 6 mm width*

### **FIELD OF APPLICATION**

Used for filling of joints of coating materials on environments with high level of humidity such as pools, saunas, thermal springs, etc. and on open areas such as terraces, balconies, gardens, etc.

It may also be used for joint applications of coating materials such as ceramic, granite ceramic, natural rock, porcelain, marble, etc. in all areas thanks to its high performance and water repellent characteristics.

It may be used on floorings with floor heating system, floors exposed to high level of traffic, cold storage rooms, floors exposed to vibration, and ceramic modification applications.

### **CHARACTERISTICS**

Has an elastic structure.

Provides high performance on pool applications.

Used for applications of ceramics over ceramics.

Resistant against growth of mould and fungi.

Provides a smooth and bright surface.

Has a high abrasion resistance.

Highly water repellent.

Resistant to water and freezing.

### **APPLICATION**

#### **SURFACE PREPARATION**

Scrape any dust, chipping, construction-cement waste that may be present inside the joint hole and clean with a brush before application.

Joint hole shall be dampened with water before application, if required.

#### **PREPARATION AND APPLICATION OF THE MORTAR**

Water shall be put to the mixing container first, then FUGAFIX® POOL shall be added (5.5-6.5 l water/20 kg bag) and it shall be mixed until the lumps are removed.

It is recommended to use a hand mixer at low speed for mixing. Wait for 5 minutes, and mix again to achieve a homogeneous mixture.

The mortar prepared shall be applied with a rubber ended scraper or a rubber trowel with a suitable thickness.

Approximately 25 minutes after the application, surface shall be cleaned with a damp sponge.

This period may be shorter for coating materials with heated surface or with high water absorption rate and for applications that are performed under improper conditions.

Fluctuation may occur on the joint surface when the wiping operation is performed before its due time or with an excessively dampened sponge. Sponge shall be cleaned frequently.

After ensuring that FUGAFIX® POOL is cured so that it shall not be drained from the joint gap, clean any residues on the surface with a dry cloth.

Application surface shall be damped at least 1 days after the application.

When the surface cleaning operation is not performed adequately, the joint filler residues on the coating may be cleaned with a suitable cement stain remover (PRIMEL 300) after 10 days.

### **CONSUMPTION**

Ceramic Size (cm)	Consumption Amount (g/m <sup>2</sup> )				
	Joint Gap (mm)				
	1 mm	3 mm	4 mm	5 mm	6 mm
10*20	165	500	670	830	1000
15*15	150	440	590	740	880
15*20	130	390	520	650	780
20*20	110	330	440	550	660
20*25	100	300	400	500	600
20*30	95	280	370	470	560
33*33	70	200	270	340	400

### **TECHNICAL DATA**

Application Time, hours	< 2
Water Absorption, 30 minutes later, g (EN 12808-5)	≤ 2
Water Absorption, 240 minutes later, g (EN 12808-5)	≤ 5
Shrinkage, mm/m (EN 12808-4)	≤ 3
Bending Strength After Dry Storage, N/mm <sup>2</sup> (EN 12808-3)	≥ 2.5
Bending Strength After Freezing-Thawing Cycle, N/mm <sup>2</sup> (EN 12808-3)	≥ 2.5
Compressive Strength After Dry Storage, N/mm <sup>2</sup> (EN 12808-3)	≥ 15
Compressive Strength After Freezing-Thawing Cycle, N/mm <sup>2</sup> (EN 12808-3)	≥ 15
Abrasion Resistance, mm <sup>3</sup> (EN 12808-2)	≤ 1000

### **PACKAGING AND STORAGE**

Available in 5 kg polyethylene bags and 10 and 20 kg polyethylene-reinforced paper bags, delivered in pallets or as sling-bags upon request.

Storage period; It is recommended to be consumed in 6 months from the date of production if stored in its original package without opening the package under dry, frost free conditions and is stacked as maximum 8 bags, and in 1 week after opening the package.

Packages shall be tightly closed when it is not used.

### **RECOMMENDATIONS**

- No other materials (lime, cement, gypsum, etc.) shall be added to the prepared mortar.
- Plaster shall not be used again by mixing with water or dry plaster if its application time has expired.
- Wait at least 24 hours for joint application after fixing operation.
- It is recommended that the application shall be performed between +5°C and +35°C.
- It shall not be applied on frozen surfaces.
- A suitable cement cleaning agent shall be used for cleaning of the contaminated joints.
- Do not go beyond the application field and the rules.
- Do not inhale it directly. Wash your eyes with plenty of water in case of contact with eyes, seek medical attention if required.
- Wash your hands and application tools with plenty of water after application.
- For detailed information, please request the safety data sheet.
- Contact us for your technical questions and for your questions about all other application conditions.

### **CERTIFICATE OF CONFORMITY**

TS EN 13888-1 / September 2022  
Complies with CG2WA Class



**CG2WA: Improved cementitious grout, with reduced water  
absorption and high abrasion resistance**  
**Public Works Item No: 04.013/2**

*Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation.*

*Entegre reserves the right to revise the information contained herein without prior notice.*

**ENTEGRE HARÇ SAN. ve TİC. A.Ş.**

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