



2400 Fugaflex Rapid

Description

Rapid set, high performance cementitious flexible grout for 2 to 20 mm joints with high resistance to abrasion and reduced water absorption.

Fields of Application

- Grouting of all types and sizes of ceramic tiles, granite, cotto, clinker, glass mosaics, marble, natural stones with 2-20 mm joints at interior and exterior floors, and walls.
- Grouting of tile on places subject to heavy traffic like shopping malls, hospitals, hotels, private houses, etc.
- Grouting of wet places like swimming pools, water tanks.
- Grouting of places where sudden temperature changes and heavy traffic exist like facades, terraces, underfloor heating installations, warehouses.

Properties

- Fast setting: it is ready for use and light foot traffic after a short period of time.
- High flexibility.
- Low water absorption.
- Resistance to efflorescence and cracks
- Very good abrasion resistance.
- 10 different colours that are resistant to UV lights and climatic changes.

Preparation of Substrates

- Joint gaps should be dry, clean and solid.
- Joint gaps should be free of adhesion preventive foreign substances such as dust, dirt, cement residues, etc.
- Before grouting, wait until the tile adhesive is completely set.
- The joint gaps should be at least 2/3 of the tile thickness..
- Dampen the joints with clean water when using very porous ceramic tiles, in high temperatures and/or in the presence of wind.

Application

- Pour Fugaflex Rapid slowly on clean water at amount specified in technical table and mix until a homogeneous mixture is obtained. (A low speed mixer is recommended to mix). The amount of water should be precisely measured.
- Do not add any additives which is not mentioned in the instructions of application.
- Adding water more or less than specified amount may cause cracking, dusting and color defects.
- Use the mixture within 1 hour of preparation.
- Fill the joints completely with Fugaflex Rapid using an appropriate rubber trowel, making sure that the joints are completely compacted. Remove excess Fugaflex Rapid from the surface moving the float diagonally across joints.
- When the grout mortar filled into the joint cavity loses its water and becomes dull, usually after about 10-20 minutes, the surface should be cleaned in a circular motion with a wet sponge.



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- This period may be shortened in applications made under unfavorable ambient conditions such as direct sun, wind, etc., when coating materials have waited under the sun for long time or when coating materials have high absorbency.
- The problem of fluctuation in color may be encountered if the wiping is done too soon or when a very wet sponge is used. The sponge should be cleaned frequently and water inside of the bucket must be renewed frequently to prevent the development of a haze on the tile surface.

Post-Application Protect & Suggestions

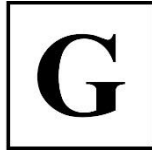
- Any residue left can be removed from the surface with a clean dry cloth.
- For easier cleaning Seracare Surface Protector can be applied on the surface of porous and absorbent coating materials.
- If the surface of walls and floors are still contaminated with Fugaflex Rapid, use Seracare Cement Remover to clean, at least 10 days after grouting the joints.
- Dispose mortars of which pot life is expired.
- Clean tools and hands with plenty of water before Fugaflex Rapid hardens.
- Product application temperature and storage conditions should be between +5°C and +35°C.
- The consumption values in technical table refers to an average consumption amounts. It may vary depending on the application conditions and surface properties.
- Since contains cement, irritating to eyes, respiratory system and skin. For further information refer to safety data sheet.

Storage

- Should be kept dry and cool at between +5°C and +35°C in damp free conditions avoiding direct sunlight.
- Should be protected from water, frost and adverse weather conditions.
- Maximum 3 pallets should be stacked on top of each other.
- Shelf life is maximum 24 months under above mentioned storage conditions.

Packaging

- 5 kg plastic pail.



Certificates of Quality

TS EN 13888, Class CG2WA

C: Cementitious

G: Grout

2: Improved

W: Reduced water absorption

A: High abrasion resistance



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Technical Properties

(at 23°C and 50% RH)

General Data

Appearance	White and coloured powder
Shelf Life	24 months when stored in the original sealed packing in a dry place.

Application Data

Application Temperature Range	(+5°C) - (+35°C)
Mixing Ratio	1.1 – 1.2 lt water / 5 kg powder
Pot Life	1 hour
Grouting after installation:	
-on walls bonded with normal adhesive:	4-8 hours
-on walls bonded with fast-setting adhesive:	1-2 hours
-on floors bonded with normal adhesive:	24 hours
-on floors bonded with fast-setting adhesive:	3-4 hours
Set to Light Traffic	Min 3 hours
Ready for use	24 hours
Consumption	See consumption table depending on width of the joints and dimensions of the tile.

Performance Data

Flexural Strength (EN 12808-3)	$\geq 5 \text{ N/mm}^2$
Compressive Strength (EN 12808-3)	$\geq 10 \text{ N/mm}^2$ (6 hours) $\geq 25 \text{ N/mm}^2$ (28 days)
Flexural Strength (after freeze/thaw cycles) (EN 12808-3)	$\geq 5 \text{ N/m m}^2$
Compressive Strength (after freeze/thaw cycles) (EN 12808-3)	$\geq 25 \text{ N/mm}^2$
Abrasion Resistance (EN 12808-2)	$\leq 500 \text{ mm}^3$
Shrinkage (EN-12808-4)	$\leq 3 \text{ mm./m.}$
Water Absorption (EN 12808-5)	$\leq 2 \text{ g}$ (after 30 min) $\leq 5 \text{ g}$ (after 240 min)
Service Temperature Range (after final cure)	(-30°C) - (+80°C)



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Consumption

Tile Dimensions	Joint Width				
	2 mm	3 mm	5 mm	8 mm	10 mm
10x10 cm	400-550 gr/m ²	600-800 gr/m ²	1000-1350 gr/m ²	1300-1600 gr/m ²	2000-2650 gr/m ²
20x20 cm	200-300 gr/m ²	300-400 gr/m ²	500-700 gr/m ²	700-900 gr/m ²	1000-1350 gr/m ²
30x30 cm	150-200 gr/m ²	200-300 gr/m ²	400-450 gr/m ²	500-550 gr/m ²	700-900 gr/m ²
60x60 cm	100 gr/m ²	100 gr/m ²	200-250 gr/m ²	300-400 gr/m ²	350-450 gr/m ²