



## Technical datasheet

### FLY Tile Grout

Multi-purpose waterproofing tile grout suitable for filling all sizes of tile joints

#### Description

**Fly Tile Grout** is a colored, cement based, modified with waterproofing special polymers and water repellent additives

#### Advantages:

- Multi-purpose for all types of tile
- Water resistance
- suitable for internal and external
- Self-cured
- Require only addition water on site
- Suitable for horizontal and vertical application

Certified according to BS EN 13888 CG2 WA and ISO 13007-3

#### Fields of application

Fly Tile Grout is used for grouting tile joints on walls or floors, indoor and outdoor application for thickness from 1 to 8 mm

#### Technical data

Color	20 basic colors
Aggregate size	0.7 mm max
Density of dry mortar	1.18 Kg/l
Compressive strength	15 N/mm <sup>2</sup>
Flexural strength	> 3 N/mm <sup>2</sup>
Drying shrinkage	≤ 2.5 mm/m
Abrasion resistance	≤ 1000 mm <sup>3</sup>
Water absorption after 30 min	≤ 0.1 g
Water absorption after 240 min	≤ 0.3 g

#### Direction for use

##### 1. Substrate

The substrate covered with tiles should be perfectly clean. The joints should be carefully cleaned and dampened with a wet sponge

##### 2. Application

Fly Tile Grout is added to water under continuous stirring, until a homogeneous paste is formed.

A low-speed mixer is recommended for the mixing.

The mixture should be left to stand for about 3 min and then stirred again.

Spread the grout diagonally across the joints using a rubber float, making sure to fill them completely.

The excess material should be wiped after a while, using a wet sponge, to avoid any change in color.

Finally, the surface may be cleaned with a dry cloth.

For use outdoors or at high temperatures, repeated dampening is recommended after a few hours and when the grout has dried.



### Consumption

The consumption of Fly Tile Grout depends on tile dimensions and joint width. The following cases are mentioned indicatively (values in g/m<sup>2</sup>):

Tile dimensions (cm)	2mm	4mm	6mm	8mm
10×10×0.6	300	600	900	1200
15×15×0.7	240	470	710	950
20×20×0.7	180	360	540	720
30×30×0.8	140	280	410	550
40×40×0.8	100	210	320	420
50×50×0.8	90	170	260	340

### Colors

Fly Tile Grout is available in 20 basic colors

Special colors can be provided upon request

### Packaging

4 Kg and 25 Kg paper bags

### Shelf life and storage

12 months from production date in original unopened packaging in place protected from moisture and water

### Remarks

- When it comes to absorbent ceramic and natural stone tiles, it is recommended to dampen the joints with clean water (without ponding water) prior to grouting to prevent dehydration, which may lead to reduced strength development
- Care should be taken when grouting in high temperatures (+40), direct sunlight or windy conditions to prevent dehydration of the grout

Fly Tile Grout contains cement and reacts as alkaline with moisture, so it is classified as irritant.