



## Fast Setting Fluid Grout Mortar

### Product Description

It is a cement based, high fluency properties, resistant to climatic conditions, non-shrinking, water impermeable fluid grout mortar.

### Areas of Use

- Concrete surfaces where quick results are required,
- In repairs, foundations in beam column cracks,
- Retaining walls, step edges, PVC assembly, door assembly, manhole covers, balcony fractures,
- Repair of runways and platforms,
- Repair of concrete floors exposed to traffic and vehicles,
- It is used in the repair of curbs and paving stones.

### Application Surfaces

#### Indoor and outdoor floors;

- Cement based screed,
- Concrete flooring,
- Prefabricated concrete.
- Consult us for other application surfaces.

### Advantages

- It provides high adherence and durability shortly after application.
- It is highly fluid and does not self-settle and shrink.
- Setting up in 5 minutes and you can open it to traffic after 30 minutes.

### Preparation of the Surface

- The floor surface to be applied must be clean and free from dirt, dust and weak particles.
- The mold to be applied must be fixed, sealed and cleaned very well.



- If the application is to be done on old concrete, the surface must be moistened before application.
- Small puddles should be avoided. Since the material will be set fast, enough material must be prepared to be applied.

### Preparation of Mortar

- 25 kg of Fast Setting Fluid Grout Mortar 4.5 lt of clean water should be added.
- Mixture water should be in the range of 20-25°C.
- Newkim Fast Setting Fluid Grout Mortar should be mixed with a low speed hand mixer for about 1-2 minutes until it reaches a homogenous consistency.
- Extra water should not be added to the hardening mortar.
- It should be taken into consideration that the setting time will be reduced at high temperatures.
- Pre-prepared coarse Newkim Fluid Grout Mortar should be poured and used.

### Application Requirements

- The surface and ambient temperature should be between +5°C and +35°C.
- Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
- The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

### Application Tools

- Hand mixer, Steel trowel, spatula


### Warnings and Recommendations


- After application, tools should be cleaned with water while the material is in fresh condition.
- The packaged product should not be stored in humid environments.


### Technical Information

Technical Information is relative to 55% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

Appearance	Grey Granulated Powder
Powder Density	1600 $\pm$ 100 Kg./m <sup>3</sup>
Water Mixture Ratio	4.5 lt. water / 25 kg. Powder
Pot Life	Maximum 5 minutes
Time to Use	30 minutes
Application Thickness	Min. 5 mm, Max. 40 mm
Adhesion Strength	2 N/mm <sup>2</sup> (28 days later)
Pressure Strength	$\geq$ 15 N /mm <sup>2</sup> (1 hour later)
	$\geq$ 28 N /mm <sup>2</sup> (24 hours later)
	$\geq$ 45 N/mm <sup>2</sup> (7 days later)
	$\geq$ 60 N/mm <sup>2</sup> (28 days later)
Bending Resistance	$\geq$ 4,5 N/mm <sup>2</sup> (24 hours later)
	$\geq$ 7,5 N/mm <sup>2</sup> (2828 days later)

 **Consumption**  
17-18 kg / m<sup>2</sup> for 1 cm  
thickness

 **Packaging**  
25 kg. Kraft Bag

 **Shelf Life**  
12 months from the date of production  
in drought and dry environments

 **Color**  
Gray