



Vitra Fix GROUT

Cement based, fluid, high strength fixing and filling mortar

DESCRIPTION

Cement based high strength, high flowability, non-shrinking, climate resistant fixing and filling mortar.

AREAS OF USE

- Installation and fixing of steel, prefabricated concrete structural elements,
- Machine and crane mounting bases,
- Fixing of industrial machines such as generators, compressors, pumps etc,
- Structural fixing and filling mortar suitable for use between 10-70 mm at a time, suitable for indoor and outdoor use.

FEATURES

Material structure : Powder product containing high quality cement, filler, performance polymer and fiber additives.
 Type : Powder
 Color : Grey
 Dry Density : 1.50 ± 0.10 gr/cm³
 Mortar Density : 2.20 ± 0.10 gr/cm³

TECHNICAL PERFORMANCE*

Compressive Strength : ≥ 30 MPa in 1 day, ≥ 50 MPa in 28 days
 Flexural Strength : ≥ 7 N/mm² (after 28 days)

*These values are obtained as a result of laboratory tests and are the performance values of the finished applications after 28 days. Values may vary due to differences in the construction site environment.

REFERENCE STANDARD

- Tested according to TS EN 1504-3 standard.
- CE

CONSUMPTION

- Approximate consumption amount (kg/m²) may vary depending on the application surface defect. For 1 mm thickness, it is 2.2-2.4 kg/m² on average.

PACKAGING

- In 25 kg kraft bags

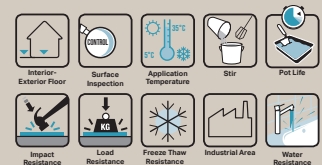
STORAGE AND SHELF LIFE

- Maximum 10 kraft bags can be stacked on top of each other.
- It should be stored in moisture-free, dry and protected against external weather conditions.
- Shelf life is 6 months under suitable storage conditions.
- Opened packages should be kept tightly closed.

APPLICATION FEATURES

Mixing ratio : 3.75-4.25 liters of water per 25 kg bag
 Application thickness : 10-70 mm
 Pot life : 30 min.
 (Temperature dependent)
 Application temperature : +5 °C - +35 °C
 Opening time for pedestrian traffic : minimum 24 hours
 (light pedestrian traffic)

- High mechanical strength and adhesion
- Self-leveling with its highly fluid structure
- No shrinkage and cracking
- Fast strength gainer
- Water and frost resistant
- Fast and easy implementation
- Fiber reinforced



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SURFACE PREPARATION

- The application surface must be clean, free from dirt, dust and weak particles.
- The formwork to be applied must be fixed, sealed and cleaned very well.
- If the application is to be made on old concrete, the surface must be moistened before application. Small puddles of water should be avoided.
- Prepare enough material to be used considering the working time.

APPLICATION SURFACES

- **VitrA Fix GROUT** can be safely applied on cement-based screed, concrete slab and prefabricated concrete on indoor and outdoor floors.
- Consult us for all other application surfaces.

APPLICATION

- A 25 kg bag of **VitrA Fix GROUT** should be slowly poured into a container with an average of 3.75- 4.25 liters (15-17%) of clean water and mixed with a low speed hand mixer for 3-4 minutes until it reaches a homogeneous consistency. Make sure that there are no air bubbles in the mortar.
- Do not add water to the hardening mortar.
- **VitrA Fix GROUT**, which has a fluid structure, should be poured continuously from one side of the previously prepared mold. Thus, air entrapment in the mixture should be prevented. The mortar should be used in a short time and should not be kept for too long (15-20 minutes).
- In order to ensure that all the gaps in the mold are filled, a steel wire with a hooked end should be used for placement and a vibrator should not be used.
- The times given in the application information and steps may be shorter or longer under different ambient conditions (low/high temperature, humidity, wind, etc.).
- After application, the surface should be kept continuously moist or cured by appropriate methods to prevent the loss of the necessary water within the product due to external factors, ensuring proper hydration and strength development.

PRECAUTIONS

- Do not apply on frost hazardous or overheated surfaces, under direct sunlight and in high winds.
- If petrification is detected in the product after the bags are opened, the product should not be used.
- The product should be used within the life of the container after mixing.
- Do not add any foreign material such as lime, cement or plaster into the mortar.
- Do not add more or less water to the mixture than the amount of water indicated on the bag.
- Do not apply on unsound surfaces.
- Protect the treated surfaces from direct sunlight, rain and frost for at least 24 hours.
- It is recommended to use a pump for large volume applications.

SAFETY INSTRUCTIONS

- Avoid contact with skin and eyes as it contains cement. Wash contact areas with plenty of water.
- It is recommended to use rubber gloves during product application.
- The product should not be inhaled directly. Dust mask should be used when necessary.
- For more detailed information, please read the Material Safety Data Sheet (MSDS).

Note: Technical values and application instructions are the results of our experience and tests carried out in accordance with international standards, valid at ambient conditions of 23 °C and 50% relative humidity.