



# VitrA Fix S 10

## Cement based, self-leveling, floor leveling and preparation screed

### DESCRIPTION

Cement based, fast drying, self-leveling surface correction and preparation mortar. It is used for correcting elevation differences on the floor surface. It provides very easy and fast application with its self-leveling feature. Forms a non-porous structure resistant to abrasion and dusting.

### AREAS OF USE

- To obtain a smooth surface before the application of PVC, linoleum, parquet, carpet, ceramic etc,
- On floors with underfloor heating,
- Leveling of defects in concrete, screed floors,
- Self leveling surface correction screed that can be applied between 3-10 mm in a single layer.

### FEATURES

Material structure	: High-quality cement, filler and performance-enhancing poly powder product containing mer additives.
Type	: Powder
Color	: Grey
Dry density	: $1.5 \pm 0.05 \text{ gr/cm}^3$
Mortar density	: $2.10 \pm 0.05 \text{ gr/cm}^3$

### TECHNICAL PERFORMANCE\*

Compressive Strength (TS EN 13813)  $\geq 25 \text{ MPa (N/mm}^2)$  (28 days) - C25  
 Flexural Strength (TS EN 13813)  $\geq 10 \text{ Mpa (N/mm}^2)$  (28 days) - F10

Temperature resistance : -30 °C - +70 °C

\*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

- TS EN 13813
- CE

### CONSUMPTION

- Approximate consumption ( $\text{kg/m}^2$ ) may vary depending on the application surface defect. For 1 mm thickness, consumption is  $1.8 - 2.0 \text{ kg/m}^2$ .

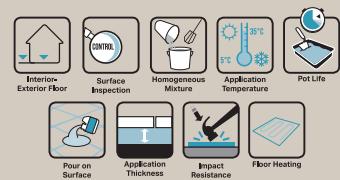
### PACKAGING

- In 25 kg kraft bags (48 pieces per pallet / 1200 kg)

### STORAGE AND SHELF LIFE

- Product storage conditions must be complied with and products must not be stored in damp and waterlogged warehouses. Warehouse ambient temperature should be above +5 °C.
- Maximum 10 kraft bags can be stacked on top of each other.
- Shelf life is 1 year provided that the packages are kept in closed and moisture-free environments. Production date and charge number are indicated on the packaging.
- When not in use, the packages should be closed tightly and airtight.

- High mechanical and abrasion resistance
- Resistant to temperature changes and dusting
- Fast spreading with its fluid structure
- Forms a non-porous and smooth surface
- Fast and easy implementation
- No cracking and collapse



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## APPLICATION FEATURES

Application thickness	: 3-10 mm
Pot Life	: Maximum 30 min
Method of application	: Trowel or pump
Application temperature	: +5 °C - +35 °C
Coating time	: 24-48 hours
Opening time for pedestrian traffic	: Min 24 hours (light pedestrian traffic)

## APPLICATION SURFACES

Suitable for use on cement based plaster and screed surfaces, exposed concrete surfaces and concrete slabs.

## SURFACE PREPARATION

- Application surfaces must be cured and sound. They must be free from dust, dirt, oil, etc., must be smooth, not too dry or sweating.
- On surfaces that have been polished or hardened afterwards (concrete, etc.), the hardness or gloss of the surface should be removed by scraping, etc. methods before application.
- The surface must be primed with **VitrA Fix FILM** before application.
- The surface must be primed with **VitrA Fix FILM PLUS** before application on non-absorbent surfaces.
- On surfaces exposed to direct sunlight and overheated surfaces, the surface temperature should be reduced by moistening the surface with water sprinkling method before application.
- Broken and damaged areas on the surface should be repaired with **VitrA Fix RM 20** repair mortar.

## APPLICATION

- Slowly add 25 kg **VitrA Fix S 10** to 5.5-6.5 lt (22-26%) of clean water and mix with a low speed mixer (400 rpm) until the mixture is homogeneous and free of lumps.
- The mixture is rested for 3 minutes before application and applied after mixing again.
- The prepared mixture is spread on the floor with a steel trowel and the thickness is adjusted. A spiked roller should be used to prevent air bubbles in the product.
- During the application, the application thickness should be determined in accordance with the door thresholds and volumetric changes in the space.
- The times given in the application information and steps may be shorter or longer under different ambient conditions (low/high temperature, humidity, wind, etc.).

## PRECAUTIONS

- Protect the treated surfaces from direct sunlight, rain and frost for at least 24 hours.
- If petrification is detected after opening the bags, the product should not be used.
- The product must be used within the life of the container after mixing.
- Do not add any foreign material such as lime, cement or gypsum into the mortar.
- The amount of water indicated on the bag should be observed. In large area applications, expansion joints should be left every 30-40 m<sup>2</sup>, taking into account possible thermal stress and mechanical loads, and filled with polyurethane mastic or expansion profiles.
- Do not apply directly on surfaces such as metal, rubber, PVC, wood.
- **VitrA Fix S 10** should be poured in a smooth and continuous flow.

## 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.