

**KATRET PCC**

High Performance Repairing Mortar

Product Description :

KATRET PCC is a cement-based, high performance concrete filling and repair mortar with synthetic resin and polymer that is prepared with the reinforcement of various additives. It is suitable for interior and exterior use manually.

Areas of application :

- Interior and exterior
- On walls and ceilings
- In exposed concrete surfaces
- In the repair of edges and corners
- In the repair of reinforced concrete construction elements, before covering ceramic and tiles

Features :

- Resistant to water, frost, humidity and adverse weather conditions
- Polymer reinforced
- Very strong adhesion on the surface
- High resistant
- Used for filling and repairing the gaps and cracks on the surface
- Provides a smooth surface with a fine layer application
- Eliminates leveling, filling and grading differences in the surface
- Long-term durable
- Easy to apply
- Hydraulic bounding quality
- Fireproof

Technical data :

Dmax (mm)	1,0
Colour	Grey
Applicable Thickness (mm)	10
Dry Unit Volume Weight (kg / lt)	1,4 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,8 ± 0,2
Pot Life (min.) (at 20°C)	~ 60
Working Time (min)	~ 30
Curing Time (hour)	~ 24
Compressive Strength (28 days) (N/mm ²)	≥ 10
Flexural Strength (28 days) (N/mm ²)	≥ 2
Adhesion Strength onto concrete (N/mm ²)	≥ 0,8
Water Mixing Ratio (for 25 kg dry mortar)	5 - 6 lt
Environment temperature for application	Between +5°C and +35°C

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

Preparation of the substrate :

- The application surface should be crack-free and strong enough to bear itself.
- The separating substances such as dust, dirt, waste plaster and paint, slag, tar, cement residues and grease, etc. should be cleaned from the surface.
- Highly absorbent concrete surfaces should be primed with **KATRET MPP**, the surfaces like exposed concrete should be primed with Contact Primer before the application.

Application :

- **KATRET PCC** should be mixed with a low cycle mixer after pouring into a container filled with 5–6 lt of clean water at normal environment temperature until a smooth mixture is obtained. Mixing time should be minimum 5 minutes. The obtained mortar should be rested for 3 minutes and mixed for 3 minutes again in order to obtain a homogenous mixture.
- The mixed mortar is ready to apply after an aging period of 3 minutes.
- The fresh mortar is spread with a steel trowel.
- Optionally the plastered surfaces is wetted with water and smoothened by pressing with a steel trowel and as a result a smooth surface like exposed concrete is obtained.
- After application:
- In order to avoid fast and unhealthy drying, the surfaces should be protected from direct sunlight and adverse air conditions such as heavy wind and frost.
- To obtain the recommended long term technical performance of the product, after the completion of the all application, the application and/or work should be covered and protected with a suitable coating or covering (paint, ceramic, tile etc...) as early as possible (depending on the product's drying time within 3-7 days).

Coverage :

Approx. 1,2 – 1,5 kg/m² for 1 mm thickness.

The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

Packaging :

In 25 kg craft bags, 64 bags in 1 palette (1600 kg/palette)

Storage :

- Dry mortar bags should be protected from frost and adverse weather conditions.
- They should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- The torn and opened bags should be closed immediately and consumed first.
- Maximum 8 bags are stacked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions

Health and Safety Information :

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.