

KATRET CT FLEX

High Resistant Flex Tile Adhesive

Product Description :

KATRET CT FLEX is a C2TES1 class, water and humidity resistant, cement-based, flexible adhesive mortar. The product is produced in accordance with EN 12004 and used for the adhesion of finishing materials such as ceramic, glazed tile, mosaic, granite, marble, natural stone, etc. on the floor and walls.

Areas of application :

- Indoors and outdoors
- Horizontally and vertically
- On walls and floors
- In wet areas like swimming pools, water tanks, bathrooms, etc.
- In underfloor heating surfaces, heated pools, thermal pools, swimming pools
- In adhesion of ceramic on to ceramic
- Used for adhering chinaware, porous and non-porous ceramic plates, key-stone, etc. All kinds of stone, concrete, granite, marble and stone derivative plates

Features :

- Resistant to water and humidity
- Durable
- Plastic consistency, easy to apply
- Does not slip vertically
- Hydraulic bonding quality
- Fireproof
- Flexible

Technical data :

Colour	Grey – White
Dry Unit Volume Weight (kg / lt)	1,4 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,5 ± 0,2
Pot Life (min)	60 – 120
Working Time (min)	30 – 35
Curing time (hour)	~ 24
Bonding resistance (28 days) (N / mm ²)	≥ 1,0
Slip	≤ 0,5
Mixing Water Ratio (for 25 kg mortar)	7,0 – 8,0 lt
Environment temperature for application	Between +5°C and +35°C
Resistance of hardened coating	Between -25°C and +80°C

Technical data is obtained according to +20°C air temperature and 50% relative humidity.

Preparation of the substrate :

- External substances that prevent adhesion such as dust, dirt, form oil, scoria, paint and other residues and wastes such as cement, plaster and concrete should be removed from the surface of application.
- The sub-surfaces that are not strong enough to bear their own weight e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- The floors which require repair should be levelled with self-levelling surface screeds minimum 3-4 days before adhesive application.
- Using primer is recommended on anhydrous and highly absorptive surfaces such as aerated and exposed concrete.

Application :

- **KATRET CT FLEX** should be mixed in low cycle after pouring into a container filled with some 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 2 minutes until it becomes homogenous.
- The prepared mortar is spread on the surface with a toothed comb having suitable tooth size.
- Finishing materials (ceramic, tiles, etc.) should be adhered on the combed mortar within 15 minutes. If this period of time is exceeded, the mortar should be scraped off from the plates and fresh mortar should be spread.
- The finishing materials should be adhered and fitted well with a rubber beater by controlling the flatness of the surface.
- For joint filler application, minimum 24 hours should be waited.

After application :

In the initial days, freshly filled joints should be protected from direct sunlight, strong air stream, high air temperature (above +35°C), rain and frost.

Coverage :

Approximately 1,5 - 3,0 kg/m² for adhesion.

Consumption amounts are theoretical values and we recommend that consumption controlled sample application is carried out before application.

Packaging :

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

Storage :

- Dry mortar bags should be protected from water, 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 or opened products should be closed immediately and consumed first.
- Maximum 8 bags should be stocked 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.