

KATRET CT RH

High Resistant Rapid Hardening Tile Adhesive

Product Description :

KATRET CT RH is a C2FTE class, water and humidity resistant, cement-based, flexible adhesive mortar that is produced in accordance with EN 12004. It is specially designed for use in swimming pools, water tanks, hygienic areas and all wet volume, and offers easy application with its long operation time while saving time for the following applications thanks to its fast-curing quality.

Areas of application :

- Resistant to water and humidity
- Indoors and outdoors
- Horizontally and vertically
- On walls and floors
- In swimming pools, water tanks and wet spaces
- Used for adhering chinaware, ceramic, 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 :

Color	grey
Dry Unit Volume Weight (kg / lt)	1,4 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,6 ± 0,2
Pot Life (min)	30
Working Time (min)	15
Curing time (hour)	~ 6
Bonding Strength (28 days) (N / mm ²)	≥ 1,0
Slip	≤ 0,5
Mixing Water Ratio (for 25 kg mortar)	7,0 – 7,5 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 :

- Foreign 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 RH** tile adhesive 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.
- Minimum 24 hours should be waited for joint filler application.

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.

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 one palette (1600 kg/palette).

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.