



### APPLICATIONS /

- Flexible adhesive mortar white **thick layer** to placement any kind of ceramic tiles (double firing, single fired, porcelain stoneware, clinker, marble...) with or without absorption of small and large format.
- For indoor and outdoor flooring.
- Radiant heat floors

### SUPPORTS /

- The usual in work.
- Concrete floors of cement based

### APPLICATION RECOMMENDATIONS /

- Application temperature 5°C to 30°C
- Realize the necessary treatment of joints to protect the ceramic pavements from expansion and contraction.
- During the placement, avoid leaks of water between the support and the piece.
- In radiant heating floors, this must be off 48 hours before the placement.
- Let joints between pieces, minimum 2 mm.

## Flexible adhesive mortar Thick layer

### CEM COL FLEXIBLE C2TE-S1

#### DESCRIPTION /

Cement, siliceous and calcareous aggregates, organic and inorganic additives

#### COMMENTS /

- Wind causes less mortar open time and leads to less adhesion.
- Do not apply with risk of rain outdoor, or with more than 3% moisture indoor.
- In outdoor floors the support must have a minimum of 1% of slope for water drainage.
- Do not apply the tile, stone, marble...in form of "touches".

#### USE CHARACTERISTICS /

- Rest time after mixing: 5 minutes
- Approximate rectification time: 30 minutes
- life of the paste: 4 hours approx.

\*These times may vary considerably depending on room temperature.

\*

#### FEATURES /

- Initial adherence:  $\geq 1\text{N/mm}^2$
- Adherence after immersion:  $\geq 1\text{N/mm}^2$
- Adherence after heat aging:  $\geq 1\text{N/mm}^2$
- Adherence after freeze-thaw cycles:  $\geq 1\text{N/mm}^2$
- Open time adhesion 30 minutes:  $\geq 0.5\text{N/mm}^2$
- Slide:  $\leq 0.5\text{N/mm}^2$
- Warp:  $\geq 2.5\text{mm}$
- Water retention CSTB: 99.0%

\*Test according to UNE-EN-12004

\*All the above information was obtained from standard test and may vary depending on the conditions of placing.



## CEMCOL FLEXIBLE C2TE-S1

### EXECUTION CONDITIONS /

- The support must be resistant, completely set, and free of dust, oil, grease...
- Clean up the loose parts.
- Use mesh between supports of different nature.
- In supports exposed to sun or very absorbents recommends wet before.
- On concrete, cement bases... these should be completely set ( $\geq 28$  days).
- Adhesion indoor and outdoor without prior leveling to a thickness of 15 mm.

### HOW TO USE /



Mix one bag of **Cemcol Flexible (capa gruesa)** with 5.5 – 6 litres of clean water per bag of 25 kg until obtain a homogeneous and smooth mass

- Make the mix with slow speed mixer.
- Let rest 5 minutes.

Extend the material with notched trowel in small sections (maximum 2m<sup>2</sup>)



Place the tiles, pressing and moving till obtain the crushing of the grooves of bonding mortar.

Before place the ceramic tile verify that has not formed a surface film as it could prevent adhesion. If so, comb again with a notched trowel.

### PRODUCT

## CEMCOL FLEXIBLE C2TE-S1

### Flexible adhesive mortar in thick layer

- High performances
- Thickness to 20 mm.
- High adherence
- Suitable for water immersion

### PRESENTATION/

Paper bags of 25 kg moisture-proof  
Palets de 1200 kg (48 sacos)



### COLORS /

White and grey

### YIELD /

4-6 Kg/m<sup>2</sup>

\*These consumption may vary depending on conditions of placing.

### STORAGE /

12 months since date manufacture, in original closed container and shelter from weather.

### REFERENCES /

- \*Low absorption: Absorption less than 3%
- \*Medium absorption: Absorption between 3-10%
- \*High absorption: Absorption higher than 10%