

Cemcol Flexible C2TE-S1®

Thick layer flexible glue mortar

Cement, selected and limy arid, organic and inorganic additives



Product

- High performance
- Thickness up to 20 mm
- High adhesion
- Suitable for water immersion

Observations

- Direct insolation and wind causes a lower mortar opening time and implies a lower adherence.
- Do not apply with rain risk outdoors or with humidity superior to 3% indoors.
- On outdoor floors, the support has to have minimum 1% inclination in order to evacuate water.
- Do not apply the flagstone, stone, marble... in a "touches" way

Characteristics

- Rest time after the kneading: 5 minutes and knead again before the application
- Approximate rectification time: 30 minutes
- Paste life: 4 hours approximately
- Time to rejoin: 24 hours on coatings and 48 hours on pavements.

* *These times can considerably oscillate depending on the ambient temperature.*

Performances (UNE- EN12004)

- Kneading water (in laboratory): 22%
- Initial adherence: ≥ 1 N/mm²
- Adherence after immersion: ≥ 1 N/mm²
- Adherence after heat ageing: ≥ 1 N/mm²
- Adherence after frost-thaw cycles ≥ 1 N/mm²
- Opening time adherence 30 minutes: ≥ 0.5 N/mm²
- Slip: ≤ 0.5 mm
- Deformation: ≥ 2.5 mm and < 5 mm
- Water retention CSTB: 99.0 %
- Behavior against fire: A1 Euroclass

** *All the information described has been obtained with standard essays and it can oscillate depending on the workplace conditions.*

Enforcements

- White or grey flexible glue mortar with thick layer for any kind of ceramic flagstones placement (double fring, single fring, porcelain stoneware, clinker, marble...) with or without absorption and small or big format.
- Outdoors or indoors pavements.
- Heating floors.

Supports

- The usual at the workplace.
- Concrete floors in cement base.

Enforcemet tips

- Application temperatures from 5°C to 30°C.
- The water percentage can oscillate depending on the used mixer.
- Perform the necessary joints treatment in order to protect the ceramic pavements from expansions and contractions.
- During the placement, avoid water filtration between the support and the piece.
- On heating floors, it has to be turned off 48 hours before the placement.
- It is advisable to leave a 2 mm indoor minimum joint and 5 mm outdoor minimum joint between pieces.
- Respect perimeter joints and structural joints.
- On indoors pavements leave the partition joints each 50 m² and 30 m² if it is outdoors.
- For filling joints use **Pavicolor**.

Execution conditions

- The support has to be resistant, it's setting complete and it has to be without dust, oil, greases...
- Sanitize the disaggregating parts.
- Use mesh between different nature supports.
- On supports exposed to the sun or very absorbent it is recommended to moisten them previously.
- Over cement, concrete base... its setting has to be completed (≥ 28 days).
- Adhesion in indoors and outdoors, without previous levelling, until a 15 mm thickness.

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Usage way

Knead the contents of the sack (25 kg) with 5-7 litres of clean water with a slow mixer until a homogeneous, lump-free mass is obtained, leave to stand for 5 minutes and re-mix. Leave to stand for 5 minutes and knead again.

Apply the material preferably with a notched trowel.

Lay the tiles, pressing and moving, until the grooves of the adhesive mortar are flattened. Before laying the tiles, check that the adhesive cement has not formed a superficial film, as this would prevent adhesion. If this is the case, comb the tiles again with a notched trowel.

Associated products

- Pavicolor PLUS
- Pavicolor HD
- Pavicolor ECO
- Pavicolor wide joint
- Pavicolor thin joint
- Pavicolor flexible



Packing

25 kg paper sack
1200 kg pallet (48 sacks)

Colors

Blanco y gris

Consumption

4 – 6 Kg/m²

* These consumptions can oscillate depending on the workplace conditions.

Preservation

1 year from the fabrication date, in the closed original package and sheltered from outdoors

References

Low absorption: Absorption under 3%
Medium absorption: Absorption between 3-10%
High absorption: Absorption over 10%

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.