

CEMCOL FLEXIBLE C2TE-S1

THIN LAYER FLEXIBLE
GLUE MORTAR

THIN LAYER

DESCRIPTION

Cement, siliceous and limy arid, organic and inorganic additives

OBSERVATIONS

- Direct insolation and wind cause a lower mortar opening time and implies a lower adherence.
- Do not apply with rain risk outdoors, or with a 3% superior humidity indoors.
- On outdoors floors, the support has to have a minimum 1% inclination for the water evacuation.
- In heating floors, it has to be turned off 48 hours before.
- Over plasterboard, verify the partition rigidity.
- Do not apply the flagstone, stone, marble... in a "touches" way.

USAGE CHARACTERISTICS

- Rest time after the kneading: 5 minutes
- 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-EN 12004

- Kneading water (in laboratory): **24%**
- Initial adherence: **≥ 1N/mm²**
- Immersion adherence: **≥ 1N/mm²**
- Adherence after heat ageing: **≥ 1N/mm²**
- Adherence after frost-thaw cycles: **≥ 1N/mm²**
- Opening time adherence 30 minutes: **≥ 0.5 N/mm²**
- Deformation: **≥ 2.5 mm and < 5 mm**
- Slip: **≤ 0.5 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.

EXECUTION CONDITIONS

- The support has to be resistant, its 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... their setting have to be completed (≥28 days).
- In great format coatings (≥ 40kg/m²) it is indispensable to use a mechanical anchorage.

USAGE WAY



- Knead the contents of the bag (25 kg) with ± 5-7 liters of clean water with a slow speed beater until a homogeneous mass is obtained and free of lumps.

- Let it rest 5 minutes.



- Extend the material with a notched trowel in small panels (maximum 2 m²).

- Proceed with a double paste for great format pieces and elevated weight.



- Place the flagstones, pressing and moving from up to down until obtaining the glue mortar grooves crushing.

- Before placing the ceramic, verify that the glue cement has not formed a superficial skin, as it would avoid its adhesion. In such a case, apply the notched trowel again.

CEMCOL FLEXIBLE C2TE-S1

THIN LAYER FLEXIBLE
GLUE MORTAR



PRODUCT

- High performances.
- Thin layer.
- Elevated adherence.
- Fit for water immersion.



PACKING

- 25 kg paper sacks, anti-humidity.
- 1200 kg pallet (48 sacks).

COLORS

- White and grey.

CONSUMPTION

- Simple paste: 3-4 kg/m²
- Double paste: 5-6 kg/m²

* These consumptions can oscillate depending on the workplace conditions.

PRESERVATION

- 12 months from the fabrication date, in the closed original package and sheltered from outdoors.

REFERENCES

- With more than 40 kg/m² flagstones use a mechanical anchorage
- Low absorption: Absorption under 3%
- Medium absorption: Absorption between 3-10%
- High absorption: Absorption over 10%

ASSOCIATED PRODUCTS

- PAVICOLOR PLUS 186
- PAVICOLOR HD 188
- PAVICOLOR ECO 180
- PAVICOLOR wide joint 190
- PAVICOLOR thin joint 192
- PAVICOLOR flexible 184



ENFORCEMENTS

- White or grey flexible glue mortar with **thin layer** for the facades coating and pavements with heavy traffic, with ceramic, marble, natural stone... with or without absorption and with small or big format.
- Outdoors and indoors.
- Heating floors.

SUPPORTS

- The usual at the workplace.
- Plaster, plasterboard, mortar, ceramic, concrete, anhydrite ...
- Concrete floors in cement base.

ENFORCEMENT TIPS

- Application temperatures from 5°C to 30°C.
- The water percentage can oscillate depending on the used mixer.
- On facades perform expansion joints each 30-60 m² depending on the format, as well as perimeter joints in cornices, floor structures ...
- During placement, avoid water filtration between the support and the piece.
- Protect the superior edges with the final coating with cornices, rain gutters ...
- Leave a 5 mm. minimum joint outdoors and 2 mm indoors.
- For joint refill, use **Pavicolor**.

CEMCOL FLEXIBLE C2TE-S1

THICK LAYER FLEXIBLE GLUE MORTAR



DESCRIPTION

Cement, selected and limy arid, organic and inorganic additives

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.

USAGE 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-EN 12004

- 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**
- Deformation: **≥ 2.5 mm and < 5 mm**
- Slip: **≤ 0.5 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.

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.

USAGE WAY



- Knead the contents of the bag (25 kg) with ± 5-7 liters of clean water with a slow speed beater until a homogeneous mass is obtained and free of lumps.

- Let it rest 5 minutes.



- Extend the material with a notched trowel in small panels (maximum 2 m²).

- Place the flagstones, pressing and moving, until obtaining the glue mortar grooves crushing.

- Before placing the ceramic, verify that the glue cement has not formed a superficial skin, as it would avoid its adhesion. In such a case, apply the notched trowel again.

CEMCOL FLEXIBLE C2TE-S1

THICK LAYER FLEXIBLE
GLUE MORTAR



PRODUCT

- High performances.
- Thickness until 20 mm.
- Elevated adherence.
- Fit for water immersion.



PACKING

- 25 kg paper sacks, anti-humidity.
- 1200 kg pallet (48 sacks).

COLORS

- White and grey.

CONSUMPTION

- 4-6 kg/m²

* These consumptions can oscillate depending on the workplace conditions.

PRESERVATION

- 12 months 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%

ASSOCIATED PRODUCTS

| | |
|------------------------------|-----|
| • PAVICOLOR PLUS | 186 |
| • PAVICOLOR HD | 188 |
| • PAVICOLOR ECO | 180 |
| • PAVICOLOR wide joint | 190 |
| • PAVICOLOR thin joint | 192 |
| • PAVICOLOR flexible | 184 |



ENFORCEMENTS

- White or grey flexible glue mortar with **thick layer** for any kind of ceramic flagstones placement (double firing, single firing, 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.

ENFORCEMENT 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**.