

Cemcol Flex Porcelain Tile C2TE-S1®

Flexible porcelain glue mortar

Cement, siliceous and limy arid, organic and inorganic additives



Product

- High performance
- Thin film
- High adhesion
- Suitable for water immersion

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.

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- EN12004)

- Kneading water (in laboratory): 24%
- Initial adherence: $\geq 1\text{N/mm}^2$
- Immersion adherence: $\geq 1\text{N/mm}^2$
- Adherence after heat ageing: $\geq 1\text{N/mm}^2$
- Adherence after frost-thaw cycle: $\geq 1\text{N/mm}^2$
- Opening time adherence 30 minutes: $\geq 0.5\text{N/mm}^2$
- Slip: $\leq 0.5\text{ mm}$
- 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 porcelain 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.
- It is advisable to leave joints between pieces, 2 mm indoors and 5 mm outdoors...
- Respect perimeter joints and structural joints.
- On indoors pavements leave partition joints each 50m2 and 30m2 outdoors.
- For filling joints use **Pavicolor**.

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 has to be completed (≥ 28 days).
- In great format coatings ($\geq 40\text{kg/m}^2$) it is indispensable to use a mechanical anchorage.

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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. 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.*

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

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

In sealed original packaging, protected from
weather and humidity: 1 year

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%

⚠ 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.