

Cemcol Porcelain C1TE®

Glue mortar

Cement, siliceous and limy arid, organic and inorganic additives



Product

- Special for swimming pools
- Excellent adhesion
- Good performance
- Special for porcelain stoneware

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
- 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 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): 24%
- Mass density: 1700 kg/m³
- Water retention CSTB: 99.0%
- Initial adherence: ≥ 0.5 N/mm²
- Adherence after water immersion: ≥ 0.5 N/mm²
- Adherence after frost-thaw cycles: ≥ 0.5 N/mm²
- Adherence after heat ageing: ≥ 0.5 N/mm²
- Opening time adherence: ≥ 0.5 N/mm²
- Slip: ≤ 0.5 mm
- Behavior against fire: A1 Euroclass

*** Toda la información descrita se ha obtenido de ensayos estándar y pueden variar en función de las condiciones de puesta en obra.*

Enforcements

- For ceramic flagstones placement, with or without absorption, small and great format, especially for porcelain stoneware placement indoors.
- On outdoors and indoors pavements.
- On indoor coatings.
- Fit for immersion.
- Fit for swimming pools.

Supports

- The usual at the workplace.
- Plaster, plasterboard, mortar, ceramic, concrete ...
- 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.
- With great format pieces, perform always double paste.
- During placement, avoid water filtration between the support and the piece.
- 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 50 m² and 30 m² 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).
- Ideal for placement of porcelain stoneware, low and medium absorption flagstones indoors and medium and high absorption flagstones on outdoor pavements.
- Avoid application with direct insolation.

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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 and re-knead.

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

- Cemcol Ianic C1TE-S1
- Pavicolor PLUS
- Pavicolor HD
- Pavicolor ECO
- Pavicolor wide joint
- Pavicolor thin joint
- flexible peacock



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

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.