

# Cemcol Porcelánico C2®

## Glue mortar

Cement, siliceous and limy arid, organic and inorganic additives.



### Product

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

### Observations

- Direct sunlight and wind cause a shorter open time of the mortar and lead to a lower adhesion.
- Do not apply when there is a risk of rain in exteriors, or when humidity exceeds 3% in interiors.
- On exterior floors, the substrate must have a minimum slope of 1% for water drainage.
- On plasterboard, check the level of rigidity of the partition.
- Do not apply the tile, stone, marble... in the form of "touches".

### Characteristics

- Resting time after mixing: 5 minutes and re-knead before application.
- Approximate rectification time: 30 minutes
- Pot life: 4 hours approximately
- Time for grouting: 24 hours for coverings and 48 hours for floorings.

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

### Performances (UNE- EN12004)

- Kneading water (in laboratory): 24%
- Mass density: 1700 kg/m<sup>3</sup>
- Water retention CSTB: 99.0%
- Initial adherence:  $\geq 0.5$  N/mm<sup>2</sup>
- Adherence after water immersion:  $\geq 0.5$  N/mm<sup>2</sup>
- Adherence after frost-thaw cycles:  $\geq 0.5$  N/mm<sup>2</sup>
- Adherence after heat ageing:  $\geq 0.5$  N/mm<sup>2</sup>
- Opening time adherence:  $\geq 0.5$  N/mm<sup>2</sup>
- Slip:  $\leq 0.5$  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 m<sup>2</sup> and 30 m<sup>2</sup> outdoors.
- For filling joints use **Pavicolor**.

### Execution conditions

- The substrate must be resistant, completely cured and free of dust, oil, grease, etc. ....
- Clean disintegrated parts.
- Use mesh between substrates of different types.
- On supports exposed to the sun or very absorbent, it is recommended to dampen them beforehand.
- On cement base, concrete... these must be completely set (28 days).
- Suitable for fixing porcelain stoneware, low and medium absorption tiles in interiors and medium and high absorption tiles in exteriors.
- Avoid application in direct sunlight.

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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
- Pavicolor flexible



## Packing

25 kg paper sacks  
1200 kg pallet (48 sacks)

## Colors

White and grey

## Consumption

Simple paste: 3-4 kg/m<sup>2</sup>  
Double paste: 5-6 kg/m<sup>2</sup>

*\* 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.