

# Cemcol C1®

## Conventional glue mortar

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



### Product

- Exterior and interior flooring
- Interior coatings
- Good workability
- No sagging

### Observations

- Previewed uses: flagstones and tiles for outdoor floors and indoor walls.
- Wind causes a lower mortar opening time and implies a lower adherence.
- 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.
- Do not apply with strong wind, direct insolation, rain risk...

### Characteristics

- Rest time after the kneading: 5 minutes.
- Approximate rectification time: 30 minutes.
- Paste life: 3 hours approximately.
- Joints refill, in pavements: >48 hours.
- Joints refill in indoors coating: >24 hours.

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

### Performances

- Kneading water (in laboratory): 24%
- Mass density: 1600 kg/m<sup>3</sup>
- Water retention: 98.0%
- Initial adherence:  $\geq 0.5$  N/mm<sup>2</sup>
- Adherence after immersion:  $\geq 0.5$  N/mm<sup>2</sup>
- Slip:  $\leq 0.5$  mm
- 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

- Thin layer glue mortar for tiles, ceramic, stoneware, marble and medium and high porosity natural stone placement.
- Indoors and outdoors pavements.
- Indoors coatings.
- For ceramic with a medium-high absorption grade.

### Supports

- Outdoors, over cement base floors.
- On pavements and indoor coatings, over concrete, coating with rendering **Revistamp Sec** or traditional mortar.

### Enforcement tips

- Application temperatures from 5°C to 30°C.
- The water percentage can oscillate depending on the used mixer.
- Respect the kneading water.
- The flagstones have to be conventional (tile) and medium-high absorption.
- 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 m<sup>2</sup> and 30 m<sup>2</sup> if it is outdoors.
- For filling joints use **Pavicolor**.
- Over plaster support, use **Cemcol Special Plaster, Flexible or Porcelain**.

### 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 base, concrete... its setting has to be completed ( $\geq 28$  days).
- Avoid application with direct insolation and air streams.
- Respect the construction joints (expansion, contraction, division, perimeter joint...)

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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 dough is obtained. Leave to stand for 5 minutes and knead again.

Apply the material preferably with a notched trowel.

Lay the tiles, pressing and moving up and down until the grooves of the adhesive mortar are flattened.

*\* Before laying the ceramic tiles, check that the tile adhesive has not formed a surface film as this would prevent adhesion. If this is the case, comb again with a notched trowel.*

## Associated products

- Cemcol Ianic C1TE-S1
- 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/m<sup>2</sup>

*\* These consumptions may vary depending on the installation.*

## Preservation

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

## 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.