

# Cemcol Fluid C2F-S1®

## Fluid glue mortar

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

### Product

- Fluid
- For all types of ceramic tiles
- Indoors and outdoors
- Without double bonding
- Fast setting

### Observations

- Wind causes a lower mortar opening time and implies a lower adherence.
- Do not apply with stuck water or 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.

### Characteristics

- Rest time after the kneading: 2 minutes and knead again before the application.
- Rectification life: 15-20 minutes.
- Paste life: 30 minutes approximately.
- Maximum recommended thickness: 10 mm
- Minimum recommended thickness: 3 mm
- Time to rejoin: 1 hour after the setting.
- Operating disposal time:
  - \*\*Normal traffic: 5-8 hours after the setting.
  - \*\*Heavy traffic: 24 hours after the setting.

*\* These times can be longer or shorter depending on the climatology and the ambient temperature.*

### Performances

- Kneading water (in laboratory): 24%
- Initial adherence:  $\geq 1$  N/mm<sup>2</sup>
- Adherence after water immersion:  $\geq 1$  N/mm<sup>2</sup>
- Adherence after heat ageing:  $\geq 1$  N/mm<sup>2</sup>
- Adherence after frost-thaw cycles:  $\geq 1$  N/mm<sup>2</sup>
- Adherencia inicial a 6 horas:  $\geq 0,5$  N/mm<sup>2</sup>
- Transversal deformation:  $\geq 2,5$  -  $< 5$  mm
- Behavior against fire: A1 Euroclase

*\*\* All the information described has been obtained with standard essays and it can oscillate depending on the workplace conditions.*

### Enforcements

- Fluid glue mortar with quick setting, for small and great format, absorbent and nonabsorbent ceramic flagstones, marble, granite placement with a simple paste.
- Outdoors and indoors pavements.
- Special for heavy traffic and great surfaces pavements.
- Fit for heating floors.

### Supports

- **Pavifuid-200, Floor Recrecido.**
- Existing ceramic pavements.
- Concrete.
- Cement base.
- Painted floors (previous preparation).

### Enforcement tips

- Application temperatures from 5 °C to 30°C.
- The water percentage can oscillate depending on the used mixer.
- Perform the joints adequate treatment in order to protect the ceramic pavements from contractions and expansions.
- Leave joints between pieces with minimum 2-3 mm sticks placements indoors and 5 mm outdoors.
- On outdoor floors, support has to have a minimum 1% inclination for water evacuation.
- Respect perimeter joints, expansion joints and structural joints.
- 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...
- Over ceramic pavements, eliminate the loose or bad adhered and sanitize the disaggregating parts.
- The flatness differences cannot be superiors to 5 mm.
- Over cement, concrete base... their setting have to be completed ( $\geq 28$  days).
- Avoid application with direct insolation and air streams.

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## Usage way

Knead the contents of the bag (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.

Pour the mortar and then comb with a notched trowel to regularise the desired thickness. Before laying the tiles, check that the cement glue has not formed a surface film as this would prevent adhesion. If this is the case, comb again with the notched trowel.

Lay the tiles, pressing and moving them until the grooves are flattened.

*\* Clean the materials remains over the ceramic with a wet applied sponge.*

## 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

4 – 6 Kg/m<sup>2</sup> and according to ceramics

*\* 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

## ⚠ 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.