

# CONFORT

## Tile Adhesive Mortar - C2T



### PRODUCT DESCRIPTION

Enhanced, cement-based tile adhesive mortar with slip resistance, designed for the installation of ceramic tiles on both new and existing interior walls and floors, and exterior floors.

### FIELDS OF APPLICATION

**Nature of Coating:** Non-porous ceramic tiles, including porcelain stoneware, mosaics, and natural stones of all porosities.

**Maximum Tile Size :** 3600 cm<sup>2</sup>

### Recommendation:

Not recommended for exterior wall applications.

### Limitations of Use:

- Smooth concrete (requires substrate absorption testing).
- Plaster substrates and special substrates (metal, polyester, wood).

### PRODUCT CHARACTERISTICS & PERFORMANCES

#### Application Characteristics:

|                       |                           |
|-----------------------|---------------------------|
| Water-to-Powder Ratio | Approx. 23 %              |
| Mixing Time           | Approx. 3 min             |
| Maturation Time       | Approx. 5 min             |
| Open Time             | Approx. 20 min            |
| Working Time          | Approx. 3 heures          |
| Grouting Delay        | Minimum 24 hours.         |
| Accessibility         | 24 to 48 h After Grouting |



**Packaging :**

25 kg Bag.

### APPLICATION

#### Substrate Preparation:

- Substrates must be clean, sound, and solid (cement-based substrates must not exude moisture), Concrete slabs must be at least 1 month old.
- Cement screeds: minimum 15 days.
- Cement renders: minimum 48 hours.
- In hot or windy conditions, moisten substrates a few hours before application.
- Cellular concrete must be moistened prior to mortar application.

#### Product Preparation :

- In a container with approx. 5.75 liters of clean water, pour one 25 kg bag of **SOFAPCOL CONFORT** while mixing continuously until a homogeneous mixture is obtained (preferably using an electric mixer).
- Let the mixture rest briefly, then remix before application.

#### Application :



- Apply the adhesive mortar to the substrate using a trowel.
- Adjust the thickness with a notched spatula suited to the tile size and surface texture.

- Dans In certain cases, apply using the double-spread method (refer to DTU 52.2).

### PRODUCT ADVANTAGES

- Ready to mix.
- Enhanced mortar.
- Slip-resistant for tiles.
- Suitable for new and existing substrates.

### Color:

- White.
- Gray.

### Composition :

- Hydraulic binder, mineral fillers, and additives.

### Storage:

- 12 months in original sealed packaging, stored away from moisture.

### Normative Characteristics EN 12004:

|   |                        |
|---|------------------------|
| Initial Tensile Adhesion Strength             | ≥ 1N/mm <sup>2</sup>   |
| Tensile Adhesion After Extended Open Time (E) | ≥ 0.5N/mm <sup>2</sup> |
| Tensile Adhesion After Heat Exposure          | ≥ 1N/mm <sup>2</sup>   |
| Tensile Adhesion After Water Immersion        | ≥ 1N/mm <sup>2</sup>   |
| Tensile Adhesion Freeze-Thaw Cycles           | ≥ 1N/mm <sup>2</sup>   |
| Slip (T)                                      | ≤ 0.5mm                |

All values indicated in this technical data sheet are based on laboratory tests. They may be significantly modified by application conditions.



### Consumption:

Depending on adhesive thickness.  
Around 2 Kg /m<sup>2</sup> per 1 mm thickness.

**Note:** The adhesive thickness depends on the condition of the substrate, the size and texture of the tile, the application method, and the type of notched trowel used.

**Application Temperature:** Between 5°C and 35°C.

### Recommendation:

- Do not spread adhesive over large areas (beyond 1 m<sup>2</sup>) to avoid exceeding the open time.
- Avoid application during freezing conditions, extreme heat, rain, or direct sunlight.

### LEGAL NOTICE

• The technical characteristic values are average statistical values and may be updated without notice. This document is non-contractual, and no responsibility is accepted for damage resulting from improper use.

### REFERENCE DOCUMENTS

- NF EN 12004 - DTU 52.1 - DTU 52.2
- CSTB Test Report "DSR - S - 24 - 19422 - CE/3"

For more information, refer to **DTU 52.2** and/or our **SOFAPCOL selection guide**.