

# PRO 1000

## Tile Adhesive Mortar - C1TE



### PRODUCT DESCRIPTION

Standard, cement-based tile adhesive mortar with slip resistance and extended open time. It is intended for the installation of ceramic tiles on new interior floors and walls.

### FIELDS OF APPLICATION

**Nature of Coating:** Porous ceramic tiles (e.g., faience, terracotta) and porous natural stones.

**Maximum Tile Size:** 2200 cm<sup>2</sup>.

### Recommendation:

The extended open time (E) feature improves workability in warm temperatures or over large surfaces.

### Limitations of Use :

- Smooth concrete (requires assessment of substrate absorption).
- Plaster or special substrates (metal, polyester, wood).
- Non-porous ceramic tiles (porcelain stoneware).
- Heated floors.

### PRODUCT CHARACTERISTICS & PERFORMANCES

#### Application Characteristics:

Water-to-Powder Ratio	Approx. 20 %
Mixing Time	Approx. 3 min
Maturation Time	Approx. 5 min
Open Time	Approx. 30 min
Working Time	Approx. 3 hours
Grouting Delay	Minimum 24 hours
Accessibility	24 to 48 hours after grouting

#### Packaging:

25kg bag.

### APPLICATION

#### Substrate Preparation :

- Substrates must be clean, flat, 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 liters of clean water, pour one 25 kg bag of **SOFAPCOL PRO 1000** while mixing until a homogeneous paste is obtained (preferably using a low-speed electric mixer).
- Let the mix rest briefly, then remix before application.

#### Application :



- Apply the adhesive mortar using a trowel
- Adjust the adhesive thickness with a notched trowel appropriate for the tile size and surface texture.
- In some cases, apply using the double-spread method (refer to DTU 52.2).



### PRODUCT ADVANTAGES

- Ready to mix.
- Slip-resistant.
- Extended open time.

#### Color :

- White
- Gray

#### Composition :

- Hydraulic binder, mineral fillers, and additives.

#### Storage :

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

### Normative Characteristics EN 12004:

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

#### NPD : No Performance Determined

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 2 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

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

