# **PRO 2000**

### Tile Adhesive Mortar – C2TE







# Sol / Mur



SOFAP

**PRO** 

#### PRODUCT DESCRIPTION

Enhanced cement-based tile adhesive mortar, with slip resistance and extended open time. It is designed for the installation of ceramic tiles on new and existing interior and exterior walls and 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:**

Particularly suitable for exterior wall applications.

#### Limitations of Use:

• Smooth concrete (requires substrate absorption assessment).

#### **PRODUCT CHARACTERISTICS & PERFORMANCES**

#### **Application Characteristics:**

Packaging:	25 kg Bag.	
Accessibility		24 to 48 h after grouting
Grouting Delay		Minimum 24 hours
Working Time		Approx. 3 hours
Open Time		Approx. 30 min
Maturation Time		Approx. 5 min
Mixing Time		Approx. 3 min
Water-to-Powder	Ratio	Approx. 25 %

### 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. 6.25 liters of clean water, pour one 25 kg bag of **SOFAPCOL PRO 2000** while mixing until a homogeneous paste is obtained (preferably using a low-speed electric mixer).
- Let the mixture 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
- Enhanced Mortar formulation.
- Slip-Resistant.
- Extended open time
- Suitable for new and existing substrates.

#### Color:

- White.
- Gray.

#### **Composition:**

• Hydraulic binder, mineral fillers, and specific additives.

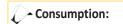
#### Storage

• 12 months in original sealed packaging, protected from moisture.

#### Normative Characteristics EN 12004:

Initial Tensile Adhesion Strength	≥1N/mm²
Tensile Adhesion After Heat Exposure	≥1N/mm²
Tensile Adhesion After Water Immersion	≥1N/mm²
Tensile Adhesion Freeze-Thaw Cycles	≥1N/mm²
Tensile Adhesion After Extended Open Time (E)	≥ 0.5N/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.



Depending on adhesive thickness. Around 2 Kg/m² 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:**

- $\bullet$  Do not spread adhesive over large areas (beyond 1  $\mbox{m}^2)$  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 DTU 52.2
- CSTB Test Report "DSR S 24 19422 CE/4"
- CSTB Test Report "DSR S 24 19422 CE/5"

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