

MARBRE

Tile Adhesive Mortar – C2TE



PRODUCT DESCRIPTION

Enhanced cement-based adhesive mortar with slip resistance and extended open time. It is specifically designed for the installation of marble and granite coverings on new interior and exterior floors and walls.

FIELDS OF APPLICATION

Nature of Coating: Marble, granite, and porous or non-porous natural stones of all formats.

Maximum Tile Size: 3600 cm².

Limitations of Use:

- Smooth concrete (requires assessment of substrate absorption).
- Plaster or special substrates (metal, polyester, wood).
- Heated floors.

PRODUCT CHARACTERISTICS & PERFORMANCES

Application Characteristics:

Water-to-Powder Ratio	Approx. 25%.
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 h after grouting



Packaging:

25 kg 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. 6.25 liters of clean water, pour one 25 kg bag of **SOFAPCOL MARBRE** 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 Formulation.
- Specially formulated for marble.
- High Slip resistance.
- Reinforced adhesion.
- Extended Open Time.

Color:

- White.

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/mm ²
Tensile Adhesion After Heat Exposure	≥ 1N/mm ²
Tensile Adhesion After Water Immersion	≥ 1N/mm ²
Tensile Adhesion Freeze-Thaw Cycles	NPD
Tensile Adhesion After Extended Open Time (E)	≥ 0.5N/mm ²
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 /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:

- Do not spread adhesive over large areas (beyond 2 m²) 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.