

POOL

Tile Adhesive Mortar - C2TE



DESCRIPTION PRODUIT

Enhanced, slip-resistant cement-based tile adhesive mortar with extended open time, specially designed for installing pool-specific ceramic tiles (mosaics) on new and existing substrates.

FIELDS OF APPLICATION

Type of Coating: Installation of pool-specific ceramic tiles (mosaics) of all porosities.

Recommendation:

Recommended for pools and wet or hot environments.

Limitations of Use :

- Special substrates (metal, polyester, wood).

PRODUCT CHARACTERISTICS & PERFORMANCES

Application Characteristics :

Water-to-Powder Ratio	Approx. 25%
Mixing Time	Approx. 3 minutes
Maturation Time	Approx. 5 minutes
Open Time	Approx. 30 minutes
Practical Usage Duration	Approx. 3 hours
Time Before Grouting	Minimum 24 hours
Accessibility	24 to 48 hours after grouting

Packaging :	25 kg bag.
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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 at least 15 days old, and cement renders at least 48 hours old.
- In hot or windy conditions, moisten substrates a few hours before application.
- Moistening cellular concrete substrates is imperative before applying the mortar.

Product Preparation :

- In a container with Approx. 6.25 liters of clean water, pour a 25 kg bag of SOFAPCOL POOL while mixing until a homogeneous mixture is obtained (preferably use an electric mixer).
- Let the mixture rest for a few minutes, then mix again before application.

Application :

- Apply the adhesive mortar to the substrate with a trowel, then adjust the adhesive thickness using a notched spatula.
- In certain cases, use double gluing (refer to DTU 52.2).

PRODUCT ADVANTAGES

- Ready to mix.
- Enhanced mortar.
- Pool-specific.
- Water-repellent.
- Slip-resistant for tiles.
- Enhanced adhesion.
- Extended open time.

Color :

- White.

Composition :

- Hydraulic binder, mineral fillers, and additives.

Storage :

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

Normative Characteristics according to EN 12004:

Initial Tensile Adhesion	$\geq 1\text{N/mm}^2$
Tensile Adhesion After Heat Exposure	$\geq 1\text{N/mm}^2$
Tensile Adhesion After Water Immersion	$\geq 1\text{N/mm}^2$
Tensile Adhesion After Freeze-Thaw Cycles	NDP
Tensile Adhesion After Extended Open Time (E)	$\geq 0.5\text{N/mm}^2$
Slip (T)	$\leq 0.5\text{ mm}$

NDP : Non Determined Performance

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 ² per 1 mm thickness.
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Note: Adhesive thickness depends on substrate condition, tile size and notched spatula.

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 - TU 52.2

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