

# PISCINE

## Tile Adhesive Mortar - C2TES1



### PRODUCT DESCRIPTION

Flexible, slip-resistant, enhanced cement-based tile adhesive mortar with extended open time. It is formulated for the installation of ceramic tiles (mosaics) in swimming pools and wet or humid environments, on both new and existing substrates.

### FIELDS OF APPLICATION

**Nature of Coating:** Mosaic and pool-grade ceramic tiles of all porosities.

#### Recommendation:

Ideal for pools, basins, and humid and/or warm interior areas.

#### Limitations of Use:

- Special substrates (metal, polyester, wood)

### 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
Practical Usage Duration	Approx. 4 hours
Time Before Grouting	Minimum 24 hours
Accessibility	24 to 48 h after grouting

<b>Packaging :</b>	25 kg bag.
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### 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, mix one 25 kg bag of **SOFAPCOL PISCINE** until a smooth, 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 thickness with a notched trowel suited to 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.
- Pool-specific (water-repellent).
- Slip-resistant.
- Flexible.
- Reinforced 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 Freeze-Thaw Cycles	$\geq 1\text{N/mm}^2$
Tensile Adhesion After Extended Open Time (E)	$\geq 0.5\text{N/mm}^2$
Slip (T)	$\leq 0.5\text{mm}$
Transverse Flexibility (S1)	$\geq 2.5\text{ mm}$ et $< 5\text{ mm}$

All values indicated in this technical data sheet are based on laboratory testing and may vary depending on application conditions.



#### Consumption:

Depends on adhesive thickness.  
Around 2 Kg / m<sup>2</sup> for 1 mm thickness.

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

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

#### Recommendation :

- Do not spread the adhesive over more than 2 m<sup>2</sup> at a time to avoid exceeding the open time.
- Do not apply in freezing temperatures, extreme heat, under 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.

### DOCUMENT DE RÉFÉRENCE

- NF EN 12004 - DTU 52.1 - DTU 52.2

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