



DERBIGUM[®]
AFRICA

BUILDING TOGETHER A SUSTAINABLE FUTURE

COLAPISCINE

Product Description :

C2TE classification according to EN 12004

- **C2:** Improved adhesion
- **T:** Slip resistance
- **E:** Extended open time

COLAPISCINE C2TE is a thick, white, factory-prepared tile adhesive specially designed for swimming pool applications. It is formulated with hydraulic binders, mineral fillers, resins, controlled granulometry silica, and special additives. When mixed with water on site, it yields a homogeneous and workable paste, applicable in a continuous layer from 3 to 10 mm. It provides excellent adhesion, extended open time, and high resistance to the specific stresses of swimming pools, meeting the requirements of class **C2TE** according to **EN 12004**.

Fields of Application :

COLAPISCINE C2TE is used for bonding:

- Glazed ceramic tiles and glass mosaic tiles
- Ceramic coverings intended for swimming pools
- Horizontal and vertical installation on common building substrates (concrete, cement renders, mineral masonry)

Technical Characteristics :

Property	Typical Value
Classification (EN 12004)	C2TE
Consistency	Thixotropic paste
Open time	≥ 30 minutes
Setting time	3 to 4 hours
Slip resistance (EN 1308)	≤ 0.5 mm
Initial adhesion (EN 1348)	≥ 1 N/mm ²
Adhesion after open time (EN 1348)	≥ 1 N/mm ²
Adhesion after water immersion (EN 1348)	≥ 1 N/mm ²
Adhesion after heat action (EN 1348)	≥ 1 N/mm ²
Adhesion after extended open time (EN 1348)	≥ 0.5 N/mm ²
Application temperature	+5 °C to +35 °C
Color	White
Density at 25°C	1.7 ± 0.05

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



DERBIGUM BUILDING SOLUTIONS

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Release 03
28/11/2025



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Main advantages :

- Specific formulation for swimming pools (ceramic tiles and glass mosaics)
- Excellent adhesion under prolonged immersion
- Very low shrinkage after curing
- High resistance to thermal and water-related stresses
- Extended open time facilitating installation
- Easy and workable application

Mixing Instructions :

- Pour approximately 6 to 7 litres of clean water for 25 kg of powder.
- Mix mechanically at low speed (< 300 rpm) until a homogeneous paste is obtained.
- Allow to rest for 5 minutes, then remix before application.
- The mixture remains workable for about 2 hours after preparation.

Application recommendations :

- Substrates must be clean, sound, solid, and perfectly levelled.
- For hot, porous, or sun-exposed substrates, lightly moisten before installation.
- Apply the product using a metal trowel, then distribute with a notched trowel.
- Lay the tiles within the open time (maximum 15 minutes).
- Adjustments can be made within 15 minutes after placement.
- Regularly check that no surface skin has formed on the adhesive, especially in hot or windy weather.
- Clean excess adhesive before hardening.
- Joints can be made using a suitable grout such as CAROJOIN.

Estimated consumption :

Tile Size	Trowel Type	Average Consumption
Tiles ≤ 15 × 15 cm	3 mm notches	≈ 2-3 kg/m ²
Tiles > 15 × 15 cm	6 mm notches	≈ 3-4 kg/m ²

Packaging & Storage :

- 25 kg kraft bag / 20 kg bucket
- Shelf life: 12 months in original unopened packaging
- Storage: store in a dry place, protected from humidity and extreme temperatures

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