



DERBIGUM[®]
AFRICA

BUILDING TOGETHER A SUSTAINABLE FUTURE

CAROMUR

Product Description :

C2TE classification according to EN 12004

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

CAROMUR C2TE is a thick white tile adhesive, factory-prepared, formulated from hydraulic binders, mineral fillers, resins and special additives. When mixed with water on site, it produces a homogeneous and workable paste, applicable in a continuous layer from 3 to 10 mm. It provides excellent adhesion, an extended open time and high resistance to vertical constraints, meeting the requirements of class **C2TE** of EN **12004**.

Fields of Application :

CAROMUR C2TE is suitable for bonding:

- Ceramic tiles, porcelain stoneware, mosaics, stable natural stones
- Interior and exterior wall coverings (residential, offices, public or industrial buildings)

Suitable substrates:

- Cast or precast concrete walls
- Cement or mixed mortar renders
- Masonry substrates (stone, brick, terracotta, aerated concrete)
- Fibre-cement boards

Technical Characteristics :

Property	Typical Value
Classification (EN 12004)	C2TE
Consistency	Thixotropic paste
Open time	≥ 30 minutes
Pot life	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	1.65 ± 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 :

- Thick-bed adhesive suitable for vertical applications
- Excellent adhesion on common building substrates
- Very low shrinkage after curing
- High resistance to humidity and thermal variations
- Extended open time facilitating installation
- Easy application and good workability

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

- The substrate must be level (tolerance: 5 mm under a 2 m straightedge, 2 mm under a 20 cm ruler), clean, dry and free of dust or release oils.
- Apply using a notched trowel suitable for the tile size.
- Place the tiles within the open time (max. 30 minutes).
- Tap tiles with a rubber mallet to ensure full contact.
- Tiles may be adjusted within the first 15 minutes.
- Joints can be made using a suitable grout such as CAROJOIN.
- Do not apply in direct sunlight, during frost, or on overheated substrates.

Estimated Consumption :

Tile Format	Trowel Type	Consumption (kg/m ²)
≤ 15 × 15 cm	6 mm notches	≈ 3 kg/m ²
≤ 30 × 30 cm	8 mm notches	≈ 4 kg/m ²
> 30 × 30 cm	10 mm notches	≈ 5–6 kg/m ² (double bonding)

Packaging & Storage :

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

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