



DERBIGUM[®]
AFRICA

BUILDING TOGETHER A SUSTAINABLE FUTURE

EXTRACOL CG100

Product Description :

Classification C1TE according to EN 12004:

- **C:** Cement-based adhesive mortar
- **1:** Performance class 1
- **T:** Reduced slip
- **E:** Extended open time

Extracol CG100 is a single-component adhesive mortar, ready to mix, formulated with high-strength grey cement, selected quartz sands, polymers, and specific additives. It provides good adhesion and extended open time, in compliance with C1TE requirements under EN 12004.

Intended Use :

EXTRACOL CG100 is used for all new tiling works in residential buildings, offices, public facilities, industrial premises, and others. It is suitable for bonding all types of tiles on vertical and horizontal substrates such as concrete, mortars, stones, bricks, and cement renders.

Technical characteristics :

Property	Typical Value
Color	Grey powder
Maturation time	5 minutes
Pot life	4 h at +23°C, 50% RH
Adjustability time	20 minutes
Open time (EN 1346)	≥ 30 minutes
Classification (EN 12004)	C1TE
Density at 25°C	1.80 3 0.05
Initial adhesion (EN 1348)	≥ 0.5 N/mm ²
Adhesion after open time (EN 1348)	≥ 0.5 N/mm ²
Adhesion after water immersion (EN 1348)	≥ 0.5 N/mm ²
Adhesion after heat exposure (EN 1348)	≥ 0.5 N/mm ²
Adhesion after extended open time (EN 1348)	≥ 0.5 N/mm ²
Slip resistance (EN 1308)	≤ 0.5 mm

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



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Release 03
28/11/2025



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Main advantages :

- Excellent adhesion on various substrates
- Good vertical hold - no slip
- Extended open time facilitating installation
- Easy and workable application

Mixing instructions :

- Pour approx. 6-7 liters of clean water into the mixing container first.
- Gradually add the powder (never the reverse).
- Mix mechanically at low speed (<300 rpm) until a homogeneous paste is obtained. Allow to rest for 5 minutes, then remix.
- Prepare only the quantity that can be used within the pot life.

Application recommendations :

- The substrate must be flat (tolerance: 5 mm under a 2 m straightedge, 2 mm under a 20 cm straightedge), clean, dry, and free of dust or release agents.
- Apply the product using a notched trowel suitable for the tile format.
- Tap tiles with a mallet to ensure optimal contact.
- Joints can be made with a special grout such as **CAROJOIN**.

Estimated consumption :

Tile size	Trowel Type	Average Consumption
≤ 15 × 15 cm	6 mm notched	≈ 3 kg/m ²
≤ 30 × 30 cm	8 mm notched	≈ 3,5-4 kg/m ²
> 30 × 30 cm	10 mm notched	≈ 4-5 kg/m ² (double bonding)

Packaging and storage :

- 25 kg kraft bag
- Shelf life: 12 months in unopened original packaging
- Store in a dry place, protected from humidity

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