



DERBIGUM[®]
AFRICA

BUILDING TOGETHER A SUSTAINABLE FUTURE

EXTRAFLEX

Product Description :

Classification C2TES2 according to EN 12004 / EN 12002

- **C2:** Improved adhesion
- **T:** Slip resistance
- **E:** Extended open time
- **S2:** Highly deformable adhesive

EXTRAFLEX is a high-performance tile adhesive formulated with hydraulic binders, mineral fillers, resins, and specific additives. It provides excellent adhesion, high deformability (S2), and outstanding resistance to moisture and thermal variations. It is ideal for demanding indoor and outdoor applications, especially for large-format tiles.

Fields of Application :

EXTRAFLEX is suitable for bonding:

- Ceramic tiles, porcelain tiles, and large-format natural stones
- Floors and walls, indoors and outdoors
- Substrates such as concrete, cement screeds, renders, and existing tiles
- Compatible with underfloor heating systems and façades

Technical Characteristics :

Property	Typical Value
Classification (EN 12004, EN 12002)	C2TES2
Consistency	Thixotropic paste
Open time	≥ 30 minutes
Setting time	3 hours
Slip resistance (EN 1308)	≤ 0.5 mm
Deformability (EN 12002)	≥ 5 mm (S2 - highly deformable)
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 (resistant up to 70 °C)
Adhesion after extended open time (EN 1348)	≥ 0.5 N/mm ²
Application temperature	+5 °C to +35 °C
Color	Available in White and Grey

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



DERBIGUM BUILDING SOLUTIONS

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Main advantages :

- Excellent adhesion on a wide range of substrates
- S2 deformability: very high flexibility, suitable for large-format tiles
- High resistance to moisture and thermal variations
- Perfect vertical hold and easy application
- Suitable for demanding outdoor conditions
- Ideal for large tiles and critical substrates

Mixing Instructions :

- Pour approximately 6.5 liters of clean water per 25 kg bag.
- Mix mechanically at low speed (< 300 rpm) until a smooth, lump-free 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 :

- Apply the adhesive using a suitable notched trowel.
- Use a double-buttering method for tiles larger than 30×30 cm.
- Adjust tiles within the open time without applying excessive pressure.
- Clean excess adhesive with clean water before it hardens.
- Do not apply during frost, rain, or very high temperatures.
- Follow expansion joint requirements and standard installation rules.
- 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 Size	Trowel Type	Average Consumption
30 × 30 cm	6 mm notched	≈ 3 kg/m ²
60 × 60 cm	8 mm notched	≈ 5.5 – 6 kg/m ² (double bonding)
≥ 100 × 100 cm	10 mm notched	≈ 6.5 – 8.5 kg/m ² (double bonding)

Packaging & Storage :

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

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