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CAROCOL FORT

Description :

D2TE Classification according to EN 12004

D2 : Improved adhesion and water resistance

T : Slip resistance

E : Extended open time

CAROCOL FORT FORT is a ready-to-use paste adhesive based on acrylic resins, selected mineral fillers, and specific additives. It is designed for thin-bed fixing of ceramic tiles and mosaics on interior walls.

Its enhanced formulation provides excellent adhesion, good moisture resistance, and ease of application. Complying with **EN 12004 Class D2TE**, it is particularly suitable for wet areas and renovation projects.

CAROCOL FORT is recommended for the installation of wall tiles, ceramic tiles, and mosaics in kitchens, bathrooms, showers, residential buildings, and commercial premises.

Applications :

CAROCOL FORT is suitable for bonding :

- Wall tiles.
- Ceramic tiles.
- Mosaics.
- Glass mosaics.
- Interior wall coverings.

Suitable substrates :

- Gypsum plasters.
- Plasterboards.
- Tile backer boards.
- Cement-based renders.
- Concrete.
- Aerated concrete.
- Existing well-bonded ceramic tiles.
- Fibre-cement boards.
- Moisture-resistant plasterboards.

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



DERBIGUM BUILDING SOLUTIONS

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Technical Characteristics :

Property	Typical Value
Classification	D2TE (EN 12004)
Appearance	Ready-to-use paste
Colour	Beige
Consistency	Thixotropic paste
Open time	≥ 30 min
Adjustability time	Up to 30 min
Application thickness	1 to 3 mm
Slip resistance	≤ 0.5 mm
Initial shear adhesion strength	≥ 1.0 N/mm ²
Adhesion after heat ageing	≥ 1.0 N/mm ²
Adhesion after water immersion	≥ 0.5 N/mm ²
Application temperature	+5 °C to +25 °C
Grouting time	24 to 72 h depending on substrate

Main Advantages :

- Ready to use, no mixing required.
- Excellent adhesion on common building substrates.
- Resistant to moisture and water splashes.
- Extended open time for easier installation.
- Excellent non-slip performance on vertical surfaces.
- Clean and easy application.
- Suitable for both new construction and renovation projects.
- Compatible with wet areas.

Mixing Instructions :

Surface Preparation :

- Substrates must be clean, dry, sound, and free from dust, oil, grease, or any contaminant that may affect adhesion.
- Absorbent substrates should be properly prepared when necessary.
- Existing tiled surfaces must be firmly bonded, clean, and degreased.

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Application recommendations :

- Apply CAROCOL FORT using a 3 mm notched trowel to obtain a uniform adhesive bed.
- Fix the tiles while applying sufficient pressure to ensure full contact between the tile and the adhesive.
- Regularly check that the adhesive remains tacky during installation.
- Do not spread more adhesive than can be covered within the recommended open time

Estimated Consumption :

Type of Covering	Recommended Trowel	Average Consumption
Mosaic	3 mm	≈ 1,5 à 2,0 kg/m ²
Standard wall tiles	3 mm	≈ 2,0 à 2,5 kg/m ²
Tiles up to 450×450 mm	6 mm	≈ 2,5 à 3,0 kg/m ²

Consumption depends on substrate flatness, tile size, and application method.

Packaging and Storage :

Available in 6 kg and 15 kg plastic buckets.

Shelf life : 12 months in the original unopened packaging.

Storage : Store in a dry area at temperatures between +5 °C and +30 °C, protected from frost and excessive heat.

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