



DERBIGUM[®]
AFRICA

BUILDING TOGETHER A SUSTAINABLE FUTURE

CAROJOIN

Product Description :

CAROJOIN is a thixotropic, cement-based grout formulated with hydraulic binders, graded mineral fillers, polymeric resins, and performance-enhancing additives. Designed for interior and exterior applications, it provides durable joint filling for ceramic and natural stone coverings in both dry and wet environments. The product exhibits excellent workability, mechanical strength, and water resistance, and requires only water for mixing.

Intended Use

CAROJOIN is suitable for grouting joints in wall and floor coverings across a wide range of substrates and tile types, including:

- Porcelain and ceramic tiles
- Terracotta
- Faïence
- Mosaic
- Marble and granite
- Limestone
- Glass tiles and glass paste

Technical Characteristics :

Property	Specification	Standard / Method
Classification	CG2WA	EN 13888
Appearance	Fine powder	—
Bulk Density	Approx. 1.50 g/cm ³	ISO 787-11
Pot Life	~60 minutes at 23°C	—
Walkable After	12 hours	—
Final Hardening	7 days	—
Joint Width Range	1 to 5 mm	—
Color Range	Available in 30 standard shades	Internal specification

Performance Advantages :

- **CG2WA Classification:** Meets EN 13888 standards for improved cementitious grouts with reduced water absorption and enhanced abrasion resistance.
- **Thixotropic Rheology:** Non-sagging application, suitable for vertical surfaces.
- **Optimized Workability:** Smooth, creamy texture ensures easy filling and cleaning.
- **Rapid Accessibility:** Allows foot traffic after 12 hours of curing.
- **High Mechanical Strength:** Excellent compressive and flexural strength after curing.
- **Water Resistance:** Suitable for humid zones such as bathrooms, kitchens, and facades.
- **Substrate Compatibility:** Adheres well to ceramic, stone, and glass surfaces.

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



DERBIGUM BUILDING SOLUTIONS

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Mixing Instructions:

- Water Ratio: Approx. 25% by weight (1.25 L per 5 kg bag).
- Mixing Method: Use a low-speed mechanical mixer (<300 rpm) until a homogeneous, lump-free paste is obtained.
- Rest Time: Allow the mix to rest for 2-3 minutes before application.

Application Procedure:

1. Apply CAROJOIN using a rubber trowel or spatula, pressing firmly to fill joints completely
2. Remove excess grout diagonally across joints using the same tool
3. After initial setting, clean tile surfaces with a damp sponge and polish with a dry cloth
4. Protect the area from water and mechanical stress during the first 12 hours

Estimated Consumption :

Tile Type	Size (cm)	Thickness (mm)	Joint Width (mm)	Consumption (kg/m ²)
Mosaic	2 x 2	4	1	0.650
Mosaic	5 x 5	4	2	0.500
Ceramic Tiles	10 x 10	6	2	0.400
Ceramic Tiles	15 x 15	6	3	0.400
Stoneware	20 x 20	8	3	0.350
Single-fired	30 x 30	8	5	0.450
Porcelain	40 x 40	8	5	0.350

Packaging & Shelf Life :

Packaging :

- 5 kg polyethylene-lined paper
- bags and 12 kg plastic buckets

Storage Conditions: Store in a dry, ventilated area, protected from moisture and direct sunlight

Shelf Life : 24 months in original unopened packaging

Available colors:

White 101	Light Gray 102	Medium Gray 103	Black 104	Deep Black 105	Light Blue 106
Dark Blue 201	Crocus 202	Anisette 203	Blue Gray 204	Light Red 301	Dark Red 302
Cotto 303	Ruby 304	Terracotta 305	Light Green 401	Medium Green 402	Aqua Green 403
Dark Green 404	Jasmine Yellow 501	Dark Yellow 502	Light Beige 503	Medium Beige 504	Ivory 505
Sand 506	Brown 601	Light Brown 602	Dark Brown 603	Caramel 604	Cocoa 605

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