



HYDROBLOC G2

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Polymer Modified Tile Grout for 2–8 mm Joints Residential & Commercial Premium Grade

Product Description:

HYDROBLOC G2 is a premium cementitious tile grout formulated with Addiflex CSH Crystal Densification Technology, redispersible polymer powders, and engineered mineral fillers. It provides improved flexibility, reduced water absorption, enhanced adhesion, and superior colour consistency compared to conventional cement-based grouts, making it suitable for demanding residential and commercial tiling applications.

Conforms To:

- EN 13888 Classification: CG2 W
- ISO 13007-3 Classification: CG2

Key Features & Benefits:

- Addiflex CSH Crystal Densification Technology
- Polymer-modified formulation
- Reduced water absorption
- Enhanced adhesion performance
- Improved flexibility
- Reduced cracking tendency
- Excellent colour consistency
- Low efflorescence tendency
- Stearate-free technology
- Improved durability and long-term performance

Areas Of Application:

- Porcelain tiles
- Ceramic tiles
- Natural stone*
- Bathrooms
- Kitchens
- Balconies
- Residential projects
- Commercial developments

*Subject to stone compatibility testing.



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Surface Preparation:

Ensure tile adhesive has fully cured before grouting. Joints must be clean, dry, and free from dust, dirt, grease, laitance, and adhesive residues. Remove any contaminants that may impair grout performance or appearance.

Mixing Instructions:

Add approximately 4.0–4.6 litres of clean water per 20 kg bag of HYDROBLOC G2. Mix using a low-speed mechanical mixer until a smooth and homogeneous consistency is achieved. Allow the mixture to mature for 2–3 minutes, then remix before application. Do not retemper with additional water once setting has commenced.

Application Guidelines:

Apply grout diagonally across the tile joints using a rubber grout float, ensuring complete filling and compaction of all joints.

Remove excess grout from the tile surface and clean using a damp sponge after the grout begins to stiffen. Final polishing may be carried out using a clean dry cloth once the grout has hardened sufficiently.

Coverage/ Consumption:

Coverage will vary depending on tile dimensions, tile thickness, and joint width.

Joint Width	Typical Consumption
2 mm	0.20–0.35 kg/m ²
5 mm	0.50–0.80 kg/m ²
8 mm	0.80–1.20 kg/m ²

Curing & Protection:

Protect freshly applied grout from direct sunlight, rain, excessive moisture loss, and contamination during curing.

- Initial Set: 4–6 Hours
- Light Traffic: 24 Hours
- Full Service: 7 Day

Packaging:

Available in 20 kg moisture resistant bags



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Storage & Shelf life:

Store in original unopened packaging under dry conditions away from moisture and direct sunlight.

Shelf Life: 12 Months from date of manufacture.

Health & Safety:

Contains cement and may cause irritation to skin and eyes. Wear suitable protective gloves, eye protection, and protective clothing during mixing and application. Avoid inhalation of dust. In case of eye contact, rinse immediately with plenty of clean water and seek medical attention if irritation persists. Keep out of reach of children.

Technical Data:

Property	Value
Appearance	Coloured Powder
Joint Width	2–8 mm
Pot Life	Approx. 60 Minutes
Water Demand	20–23%
Application Temperature	+5°C to +35°C
Initial Set	4–6 Hours
Light Traffic	24 Hours
Full Service	7 Days
Compressive Strength (28 Days)	≥ 20 MPa
Flexural Strength (28 Days)	≥ 4 MPa

System Compatibility:

HYDROBLOC G2 is specifically designed for use with:

- HYDROBLOC T1 Tile Adhesive
- HYDROBLOC T2 Tile Adhesive
- HYDROBLOC T3 Tile Adhesive

Together, these products form an integrated tile installation system incorporating Addiflex CSH Crystal Technology, providing enhanced durability, improved interface bonding, and long-term performance.

Technical Disclaimer

The information contained herein is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application techniques, site conditions, and curing practices. Users should conduct suitability testing prior to full-scale application. Specifications may be modified without prior notice as part of ongoing product development.