



HYDROBLOC G1

Cementitious Tile Grout for 2–6 mm Joints Economic Grade – Interior & General Commercial Applications

Product Description:

HYDROBLOC G1 is a polymer-modified cementitious tile grout incorporating Addiflex CSH Crystal Densification Technology. It is designed for economical residential and commercial tile installations, providing smooth application, reduced shrinkage, improved joint integrity, and enhanced durability compared to conventional cement grouts. The stearate-free formulation improves grout density and long-term performance through crystal densification technology.

Conforms To:

- EN 13888 Classification: CG1
- ISO 13007-3 Classification: CG1

Key Features & Benefits:

- Addiflex CSH Crystal Densification Technology
- Reduced shrinkage and cracking
- Smooth and easy application
- Good colour uniformity
- Improved durability and joint integrity
- Excellent workability
- Breathable grout system
- Stearate-free formulation
- Suitable for 2–6 mm joint widths

Areas Of Application:

- Ceramic wall tiles
- Ceramic floor tiles
- Residential developments
- Commercial projects
- Interior wet areas
- Kitchens
- Bathrooms
- General tiling applications



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Surface Preparation:

Ensure the tile adhesive has fully cured before grouting. All joints must be clean, dry, and free from dust, dirt, grease, and adhesive residues. Remove any contaminants that may affect grout adhesion or appearance.

Mixing Instructions:

Add approximately 4.0–4.4 litres of clean water per 20 kg bag of HYDROBLOC G1. Mix mechanically using a slow-speed mixer until a smooth, homogeneous consistency is achieved. Allow the mixture to stand for 2–3 minutes, then remix before application. Do not add excessive water.

Application Guidelines:

Apply the mixed grout using a rubber grout float, ensuring complete filling of all joints. Work diagonally across the joints to compact the grout effectively. Remove excess grout from the tile surface and clean with a damp sponge after initial stiffening. Avoid excessive water during cleaning to maintain colour consistency.

Coverage/ Consumption:

Coverage depends on tile size, tile thickness, and joint width.

Joint Width	Typical Consumption
2 mm	0.20–0.35 kg/m ²
4 mm	0.35–0.60 kg/m ²
6 mm	0.60–0.90 kg/m ²

Curing & Protection:

Protect freshly applied grout from rapid drying, rain, direct sunlight, and contamination during the curing period.

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

Packaging:

20 kg Bags

Storage & Shelf life:

Store in original unopened packaging in dry conditions away from moisture and direct sunlight. Shelf Life: 12 Months from date of manufacture.



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Health & Safety:

Avoid contact with eyes and skin. Wear suitable protective gloves, eye protection, and protective clothing during handling and application. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice if irritation persists. Keep out of reach of children.

Technical Data:

Property	Value
Appearance	Coloured Powder
Binder	Portland Cement
Joint Width	2–6 mm
Pot Life	Approx. 60 Minutes
Application Temperature	+5°C to +35°C
Initial Set	4–6 Hours
Light Foot Traffic	24 Hours
Full Service	7 Days
Water Demand	20–22%
Density (Dry Mix)	Approx. 1.45–1.55 kg/L

System Compatibility:

HYDROBLOC G1 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 utilizing Addiflex CSH Crystal Technology for 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.