



micromax2

Tile Grout for joints up to 20mm

DESCRIPTION

Rapid-setting cementitious tile grout for walls & floors, with built-in Microban® antimicrobial protection.

Use for

- Grouting porcelain, glazed and fully vitrified tiles, glass and ceramic mosaics, and natural stone including marble in dry or wet interior and exterior environments.
- For joint widths: **1mm up to 20mm**

Recommended for power showers, wet rooms, heated floors and timber floors.

Restrictions: NOT suitable for

- Swimming pools.
- *Commercial food preparation/storage areas and areas requiring impervious grouting.

*NOTE: Use a BAL epoxy grout in these cases.

- Can be used on single layer timber floors by adding 2 parts water to 1 part BAL ADMIX GT1 by volume. For overlaid timber floors, i.e. minimum 15mm thick plywood or minimum 10mm thick tile backing boards the addition of BAL ADMIX GT1 is not required.
- When grouting soft glazed wall tiles or tiles with a metal decor or lustre, care should be taken to ensure they are not damaged/scratched. If there is any doubt, a test area should be grouted first in an inconspicuous area.

PRODUCT INFORMATION

Composition: Cement-based powder with built-in admixture.

Colours: White, Manilla, Gunmetal, Pebble, Jasmine, Ebony, Smoke, Chocolate, Cocoa. NOTE: For large projects, additional colours are available upon request.

Type/Classification: Exceeds BS EN 13888 CG2WA – Improved cementitious grout with additional characteristics of high abrasion resistance and reduced water absorption.

Pack sizes: 2.5kg, 5kg & 10kg (See below)

All colours available in 2.5kg and 5kg. White, Jasmine, Manilla, Pebble, Gunmetal, Smoke & Ebony are available in 10kgs bags

Additional Benefits: Sets in 2-3 hours: enables faster completion.

Efflorescence-free formulation: minimises risk of patchy discolouration. Water/frost-resistant. Built-in admixture for increased flexibility and enhanced durability. Ensures clean, even finish for grout joints.

Microban® antimicrobial protection: Helps inhibit growth of bacteria (e.g. Listeria, Salmonella, E-Coli) and black mould. Provides added hygiene protection for bathrooms, showers and food consumption areas.

NOTE: Microban® antimicrobial protection is NOT a substitute for good hygiene practices.

USAGE & SERVICE CONDITIONS

Walls	✓	Floor	✓
Interior	✓	Exterior	✓
Dry	✓	Showers (1)	✓
Movement	✓	Chemical	✓
Vibration		Resistance	

- Do not use shower for at least 2 weeks following completion of grouting.
- Overlaid with a minimum 15mm thick water resistant plywood.

**Drying time will be extended in colder temperatures when fixing.

APPLICATION AREAS

Leisure Centres	✓
Bathrooms	✓
Changing Rooms	✓
Restaurant/Food	✓
Consumption Areas	✓
Domestic Kitchens	✓
Shopping Malls	✓
Heated Floors	✓
Wet Rooms	✓
Timber Floors (2)	✓

MIX / USAGE

Powder: Water Ratio by Weight	Pot Life at 20°C	Cure time at 20°C	Specific Gravity
5.0 : 1.0	>30 mins	2-3 hrs**	1.45g/cm ³

COVERAGE

Tile Size	Joint Width	Typical Coverage
200x200x9mm	3mm	2.4m ² per kg
300x300x9mm	3mm	3.5m ² per kg

TEMPERATURE RESISTANCE

-30°C to 100°C

SURFACE PREPARATION

General

Before grouting, ensure that:

1. Tile adhesive has fully set, as indicated on adhesive packaging.
2. Open joints are protected from contamination – and are clean, dry and free from loose debris.

IMPORTANT NOTE: Do NOT use in temperatures below 5°C or in damp conditions.

If grouting porous tiles in temperatures above 25°C, dampen joints with clean water prior to grouting.

If grouting externally, provide protection against inclement weather during grouting and for as long as possible afterwards.

If grouting shower installations, BAL MICROMAX2 is water-resistant but NOT impervious to water and is not a substitute for a waterproof tanking systems.

Recommendations:

– Provide waterproof tanking protection for tiling background substrates, particularly plaster or plasterboard (e.g. by using BAL WATERPROOFING KIT FOR SHOWERS).

– Ensure tiles are fixed with a water-resistant adhesive (e.g. BAL WHITE STAR PLUS, BAL MAX FLEX FIBRE or BAL SINGLE PART FLEXIBLE adhesive).

- In order to achieve colour consistency, ensure that the grout is used from the same batch.

MIXING

1. Slowly add 5 parts powder to 1 part clean cold water by weight (e.g. 1kg powder with 0.19 litres water). Mix until a smooth paste is formed.

NOTE: If using electric drill mixer, blend at slow speed (i.e. under 300rpm).

2. Wait 2-3 minutes and then briefly mix again. Avoid entraining air by mixing at too high speed or by over-mixing.

Mixed grout working time at 20°C: approx. 30 minutes.

NOTE: Do NOT add more water to mixed grout as this would reduce final strength.

Working time/setting time will vary slightly with temperature: higher temperatures = shorter; lower temperatures = longer.

APPLICATION

Grouting procedure

1. Check potential staining risk: apply grout to a few tiles in small trial area. If discolouration occurs or difficulties are encountered with cleaning off (surplus grout), apply BAL PROTECTIVE SEALER – and repeat trial.
2. Work in small areas with a BAL GROUT FLOAT or squeegee.
Completely fill tile joints with mixed grout and compact well, removing excess grout from tile surface as work proceeds.
3. Allow approx. 15 minutes for grout to dry before cleaning tile surface.
4. Using a dampened sponge or sponge board, clean surface diagonally to grout lines. Rinse out sponge/sponge board frequently with clean water.
5. When grout has set sufficiently within joints, polish tile surface with dry clean cloth OR give surface final wash with dampened sponge and clean cold water.

NOTE: For maximum speed/ease, use a BAL Wash Boy.

6. Wait minimum 24 hours before subjecting tiles to normal service conditions.

NOTE: *If completing a shower, do NOT use shower for at least 2 weeks (as required by BS 5385: Part 4:2009, clause 7.2.1).*

CLEANING

Always use cleaning products suited to tile type. For best long-term antibacterial protection, regular cleaning with BAL MICROSHIELD TILE CLEANER (with Microban® antibacterial protection) is strongly recommended.

HEALTH & SAFETY INFORMATION—NON HAZARDOUS

(Refer to MSDS for full information)

GOOD PRACTICE ADVICE

For detailed information and safety guidance, please refer to Product Material Safety Data Sheet [MSDS].

TECHNICAL ADVISORY SERVICE

For free expert guidance on use of this product, or any aspect of tiling, contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE on

Tel: 01782 591120 or 0845 600 1 222 or Fax: 01782 591121.

POWERSPEC

A unique computerised online specification system for the design and installation of ceramic, mosaic and natural stone tiling.

Visit www.powerspeconline.com

SHELF LIFE

12 months under normal dry conditions. Protect from frost and damp.

QUALITY AND ENVIRONMENTAL STANDARDS

Manufacturing quality assurance standards conform to BS EN ISO 9001. Satisfies the environmental management requirements and operational scope of ISO 14001.

25 YEAR GUARANTEE

All BAL products are supplied with a 25 year product guarantee to be free from manufacturing defects and to be fit for purpose.

The guarantee covers materials replacement costs and labour.

This guarantee is subject to use of product in accordance with BAL's instructions and technical data, and good working practice.

No liability can be accepted for any loss or damage arising from incorrect use of products or poor workmanship, over which BAL has no control.

10 year anti-fungal guarantee subject to regular cleaning.

Contact BAL Marketing Department for full details.

CONDITIONS OF SALE

Sold subject to the Company's Conditions of Sale.

Available on request.

For sales and technical queries, contact:

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NOTE: BAL reserves the right to update instructions, technical data and other information at any time without notice.

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