

bal grout

Tile Grout for joints up to 3mm

DESCRIPTION

Water/frost-resistant cementitious tile grout for walls.

Use for

- Grouting ceramics and mosaics in dry or wet interior and exterior environments.
- For joint widths: up to **3mm**
- Recommended for swimming pools.
- Further applications are possible by adding BAL ADMIX GT1 to provide flexibility, increased adhesion and high bond strength. Ratios:
 - For plywood walls BAL ADMIX GT1 (diluted 1:1 with water)
 - For porcelain tiles BAL ADMIX GT1 (diluted 1:2 with water)

Restrictions: NOT suitable for

- Power showers, food preparation/storage areas, and areas requiring waterproof grouting.

NOTE: Use a BAL Epoxy grout in these cases.

PRODUCT INFORMATION

Composition: Cement-based polymer-modified powder.

Colours: White, Ivory, Grey

Type/Classification: Exceeds BS EN 13888 **CG1**

Pack sizes: 20kg, 10kg, 3.5kg and 1.5kg

Key features: Water/frost-resistant.

USAGE & SERVICE CONDITIONS

Walls	✓	Floors	✓
Interior	✓	Exterior	✓
Dry	✓	Showers (1) (2)	✓

Swimming Pools (3) (4)	✓
Movement/Vibration (4)	✓
Heavily Trafficked Floors	✓

- (1) Use a BAL epoxy grout for power shower with body jets. Do not use shower for at least 2 weeks following completion of grouting – BS 5385:Part 4:2009, clause 7.2.1.
- (2) Not recommended for use in power showers.
- (3) Do not fill pool for at least 3 weeks following completion of grouting – BS 5385:Part 4:2009, clause 7.2.10.
- (4) When used in conjunction with BAL ADMIX GT1.

Mix/Usage Data			
Powder:Water Ratio (by weight)	Pot Life at 20°C	Cure Time at 20°C*	Specific Gravity
3:1	60 mins	24 hours	1.33g/cm ³

* Drying time will be extended in colder temperatures, when fixing to impervious backgrounds or when fixing tiles of low porosity.

Usage: Tools/Coverage		
Tile Size	Joint Width	Typical Coverage [^]
150x150x6mm	2mm	4.8m ² /kg
200x200x6mm	2mm	6.4m ² /kg

[^] May vary dependent on nature and flatness of surface, and on trowel used.

Temperature Resistance
-30°C to 150°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 GROUT is water-resistant but NOT impervious to water and is not a substitute for tanking systems.

Recommendations (showers):

- 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 or BAL SINGLE PART FLEXIBLE adhesive).

MIXING

1. Slowly add 3 parts powder to 1 part clean cold water by weight (e.g. 1kg powder with 0.3 litres water). Mix until smooth paste formed.

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

2. Wait 2-3 minutes, 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. 60 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 swimming pool, do NOT fill pool for at least 3 weeks after grouting (contact BAL Technical Advisory Service for further advice).

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 MICROSIELD TILE CLEANER is strongly recommended.

HEALTH & SAFETY 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.

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:

BUILDING ADHESIVES LTD

Longton Road, Trentham, Stoke-on-Trent, ST4 8JB, England
www.bal-adhesives.com

Sales

Tel: +44 (0) 1782 591160

Fax: +44 (0) 1782 591131

Technical

Tel: +44 (0) 1782 591120 or

+44 (0) 845 600 1 222

Fax: +44 (0) 1782 591121

Unit 622, Phase III

Northwest Business Park

Ballycoolin, Dublin 15, Ireland

Tel: +353 (0) 1 880 9210

Fax: +353 (0) 1 880 9211

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

 **Powerspec**
www.powerspeconline.com



 **BAL**

BAL Grout