



rapidset

**Tile Adhesive for
Walls & Floors**

EXCLUSIVE TO
Topps Tiles

- Non-slip
- Excellent bond strength
- Highly water/frost-resistant
- Suitable for porcelain tiles
- Rapid-setting: grout after 2 hours

**BAL 25 YEAR
25
YEAR
GUARANTEE**

**PORCEL
BOND
PLUS** TM

most tile types

dry/wet – interior/exterior



USE FOR

All types of WALL and FLOOR tiles including:

- Ceramics
- Porcelain and fully vitrified tiles
- Mosaics
- Natural stone including marble (excluding translucent)
- Terrazzo
- Rigid foam insulating materials
- Brick slips

NOTE: Certain types of natural stone (i.e. limestone, travertine and some granite) may be susceptible to water staining. In this case, use of a BAL rapid-setting white adhesive is recommended.

INTERIOR and EXTERIOR walls and floors DRY and WET environments

Recommended for:

- Swimming pools/total immersion areas
- Showers

NOT suitable for tiling on:

- Metal, painted or glazed surfaces, including existing tiling

Further applications possible by adding **BAL ADMIX AD1** to provide flexibility, increased adhesion and reduce water permeability.

TYPE/CLASSIFICATION

Exceeds BS EN 12004 **C2FT**

KEY FEATURES

- Sets in 2 hours (at 20°C): ideal for fast-track tiling
- Excellent water-resistance
- Frost-resistant
- High quality adhesion
- Non-slip

COVERAGE

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

At 3mm thickness, this 20kg pack of **BAL RAPIDSET** typically covers:

For DRY WALL AREAS – 8.0m²

For WET WALL AREAS – 6.6m²

For FLOORS – 5.0m²

SURFACE PREPARATION

- Ensure surfaces to be tiled are flat, clean, dry, sound, and free from contamination

In shower areas: waterproof background with **BAL WP1 Tanking System** or **BAL Waterproofing Kit for Showers**.

SUITABLE SURFACES include:

Asphalt (suitable grade e.g. flooring)

- Must be of a suitable grade, be clean, in sound condition and have adequate cohesive strength

Concrete; cement:sand screeds and rendering

- Before tiling, allow the following drying times:

Concrete/concrete block walls/clay brickwork: 6 weeks

Cement:sand screed: 3 weeks

Cement:sand rendering: 2 weeks (3 weeks for swimming pools)

BAL QUICKSET CEMENT:sand renderings and screeds: 24 hours

BAL QUICKSET RENDER: 2 hours

Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone

- Ensure these are firmly bonded
- Cut out and make good any hollow/defective areas

Existing vinyl tiles

- Ensure these are in good sound condition and securely bonded to their base
- Remove any polishes, wax, grease etc. with a suitable proprietary cleaner
- Prime surface with neat **BAL BOND SBR** and allow to dry

Fibre reinforced cement boards and lightweight tile backer boards

- Suitable when adhesive modified with **BAL ADMIX AD1** pre-diluted 1:1 with water
- Install boards to BS 5385 – i.e. moisture-resistant boards screwed to seasoned framework at maximum 300mm centres vertically and horizontally

IMPORTANT NOTE: Obtain manufacturer's confirmation that boards are suitable for tiling, and for relevant fixing instructions.

Overlaid timber floors (min. 15mm)

- Suitable when adhesive has been modified with **BAL ADMIX AD1** pre-diluted 1:1 with water
- Ensure timber floor (i) is sufficiently rigid and stable to receive tiles; (ii) can carry the additional load without excessive deflection; and (iii) has adequate ventilation under the timber
- Overlay existing timber floor with exterior or marine grade plywood, min. 15mm thick, screwed (not nailed) at 300mm centres
- Prime all timber surfaces on back face and edges with neat **BAL BOND SBR** priming agent. Allow to dry

Plaster (finish coat only)

- Must be at least 4 weeks old before tiling
- If plaster is shiny or polished, brush thoroughly with a stiff bristled brush before priming with 2 coats of:
 - **BAL PRIME APD** (neat) or
 - **BAL BOND SBR** (diluted 1:2 with water)

- Allow each coat of primer to dry

Plywood walls

- Suitable when adhesive has been modified with **BAL ADMIX AD1** (pre-diluted 1:1 with water)

Underfloor heating

- Suitable when adhesive has been modified with **BAL ADMIX AD1** (pre-diluted 1:1 with water)

MIXING

Use a **BAL MIXING BUCKET** or other suitable bucket.

1. For walls - add 5 to 5.5 parts powder to 1 part clean cold water by weight. (This 20kg bag requires approx. 3.6 to 4 litres of water)
2. For floors - add 4.5 parts powder to 1 part clean cold water by weight. (This 20kg bag requires approx. 4.4 litres of water)
3. Mix until smooth, lump-free consistency achieved.

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

Ready for immediate use. Pot life at 20°C: approx. 45 minutes.

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

APPLICATION

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

Trowel recommendations

For wall tiling:

(Dry areas) **BAL ROUND NOTCHED TROWEL**

(Wet areas) **BAL THIN BED SOLID BED TROWEL**

For exteriors and floors:

BAL THICK BED SOLID BED TROWEL

1. Apply adhesive to wall or floor surface (max. 1m² at a time) and comb to required depth (normally 2-6mm, but up to 12mm for localised areas). Ensure ribs in adhesive all run in one direction. If fixing large/heavily-patterned tiles, apply additional adhesive to tile reverse.
2. Press tile firmly into the ribs of the adhesive and into position, with slight twisting/sliding action to ensure optimum adhesive contact.
3. Fix tiles before adhesive forms skin (typically 20 minutes at 20°C, depending on surface porosity/atmospheric conditions). If skin has formed, remove adhesive and apply fresh layer. Tiles can be adjusted for 5-10 minutes after initial positioning.
4. Occasionally lift a tile to check adhesive contact area. When solid-bed fixing, leave no voids behind tiles.
5. Leave adequate joints between individual tiles. Install movement joints to BS 5385, Parts 1-5.
6. Clean off surplus adhesive from tile face and between tile joints.

GROUTING

7. Wait minimum 2 hours after tile fixing. Select a BAL grout suitable for specific location/environment/function.
8. Fill movement joints with **BAL MICROMAX SILICONE SEALANT**. However, do NOT use on sensitive surfaces that could react to acetic acids released during cure.

For intermediate movement joints, a more durable hard wearing material may be needed (e.g. an Epoxy polysulphide sealant).

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 Section 6.3).

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.

SHELF LIFE

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

25 YEAR GUARANTEE

All BAL products are supplied with a 25 year product guarantee. Contact BAL Marketing Department for full details.

CONDITIONS OF SALE

Sold subject to the Company's Conditions of Sale. Available on request.

Building Adhesives Limited www.building-adhesives.com 13	
BAL 006-CPR/2013 EN 12004:2007 +A1:2012 BAL Rapidset Grey Improved fast setting cementitious adhesive with reduced slip for internal and external tiling	
Reaction to fire	Class E
Release of dangerous substances	See MSDS
Bond strength, as: Early tensile adhesion strength Initial tensile adhesion strength Durability, for: Tensile adhesion strength after heat ageing Tensile adhesion strength after water immersion Tensile adhesion strength after freeze/thaw cycles	$\geq 0.5\text{Nmm}^{-2}$ $\geq 1.0\text{Nmm}^{-2}$ $\geq 1.0\text{Nmm}^{-2}$ $\geq 1.0\text{Nmm}^{-2}$ $\geq 1.0\text{Nmm}^{-2}$

HEALTH & SAFETY WARNING

BAL RAPIDSET

Label In Accordance With (EC) No. 1272/2008



Signal Word	Danger	
CONTAINS	CALCIUM SULFOALUMINATE CEMENT ORDINARY PORTLAND CEMENT	
Hazard Statements	H315 H317 H318 H335	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.
Precautionary Statements	P102 P261 P280 P305+351+338 P501	Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/container in accordance with local regulations.
SUPPLIER	BUILDING ADHESIVES LTD Longton Road, Trentham, Stoke-on-Trent ST4 8JB 01782 591100	

MANUFACTURED UNDER A QUALITY MANAGEMENT SYSTEM APPROVED BY BSI

PorcelBond Plus™ is a trademark of Building Adhesives Ltd.

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