



grip plus

Non-Slip, Water-Resistant Tile Adhesive for Walls, with FST

DESCRIPTION

High strength, highly flexible, non-slip, water-resistant ready-mixed tile adhesive for walls.

Use for

- Fixing ceramics (up to 300x300mm), mosaics, porcelain tiles (up to 150 x 150mm) and some natural stone in dry or wet interior environments.
- For domestic and commercial areas including showers/kitchens/bathrooms/wet rooms.
- Suitable for heavy duty wet areas including communal showers and commercial kitchens.
- Suitable for use on backgrounds subject to limited movement/vibration.

Restrictions: NOT suitable for

- Exterior use or total immersion areas (e.g. swimming pools).
- Some non-porous tiles (depending on size /background).
- Bedding depths exceeding 3mm.

PRODUCT INFORMATION

Composition: Acrylic based organic dispersion with BAL Fibre Strand Technology.

Colour: White

Type/Classification: Exceeds BS EN 12004 D2TE – Dispersion (ready-to-use), Reduced Slip, Improved / Additional Characteristics, Extended Open-Time

Pack size: 15ltr, 10ltr, 5ltr and 2.5ltr

Key features: Ready-to-use/easy to apply. Highly water-resistant. Highly flexible. Excellent non-slip (no battens required). High bond strength.

New improved super white colour for glass tiles and mosaics and providing easier / quicker clean-down for joints. Lightweight rheology for improved consistency and smoother formulation that is easier and quicker to trowel out and apply. Extended open-time (over 30mins) to allow much greater areas of application and speed up installation time. Higher grab, improved strength and higher flexibility to improve adhesive performance.

Suitable for porcelain tiles (up to 150mm x 150mm)

Grout after: 24 hours (at 20°C)

USAGE & SERVICE CONDITIONS

Walls	✓	Floor	✗
Interior	✓	Exterior	✗
Dry	✓	Wet	✓
Domestic	✓	Worktops	✓
Showers (1)			
Communal	✓		
Showers (1)			

(1) Do not use shower for at least 2 weeks following completion of grouting – BS 5385: Part 4.

(2) Provided surface is sufficiently flat

(3) Check suitability of sheets/boards for the intended purpose with the manufacturer.

(4) In frequently wet conditions tank out with the BAL WP1 TANKING SYSTEM.

(5) Drying times will be extended, i.e. leave adhesive to dry for a minimum of 3 days before grouting.

(6) Where waterproofing is required apply BAL WP1 Tanking System

BACKGROUNDS / BASES

Rendering	✓
Clay Brick / Medium	✓
Density Concrete (2)	
Sheets & Boards (3) (4)	✓
Tile Backer Boards (6)	✓
Plasterboard (4)	✓
Plaster (4)	✓
Glazed Tile & Brick (5)	✓
Painted Surface (5)	✓

USAGE: Bed Thickness / Time

Bed Thickness	Open Time	Setting Time*
3mm max	>30 mins	24 hours at 20°C

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

COVERAGE

Area	Trowel	Coverage ^
Dry Wall	Round Notched	0.66m ² per litre
Wet Wall	Thin Bed Solid Bed	0.5m ² per litre

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

TEMPERATURE RESISTANCE**

-30°C to 100°C

** Cured adhesive.

SURFACE PREPARATION

General

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

If fixing onto plaster/plasterboard, check that tile weight (INCLUDING adhesive) will NOT exceed 20kg/m² (plaster) or 32kg/m² (plasterboard)

SUITABLE SURFACES include:

Blockwork

Allow new walls to dry out for min. 6 weeks before rendering/plastering/tiling.

Direct fixing of tiles to lightweight blockwork is NOT recommended.

Brickwork/concrete

Allow new walls to dry out for min. 6 weeks before rendering/plastering/tiling.

Direct fixing of tiles to clay brick/medium density concrete is acceptable if surface is sufficiently flat.

Cement:sand renders

Must be at least 2 weeks old before tiling. If render based on BAL QUICKSET CEMENT, allow to dry for min. 24 hours.

Existing glazed ceramic tiles/glazed bricks

Ensure existing tiles/bricks are soundly bonded to a stable background that is sufficiently strong to support the weight of the new tiling.

If areas are loose or hollow-sounding, remove and make good with 1:3 cement:sand mortar over a slurry bonding coat (2:1 cement:BAL BOND SBR by weight) or BAL QUICKSET RENDER.

Fibre mesh reinforced cement-faced tilebacker panels/building boards

Ensure boards are securely fixed and rigid as per the board manufacturer's recommendation (usually at maximum 300mm centres vertically and horizontally), with no protruding fixings. Do NOT seal surfaces to be tiled. Drying times may be extended.

Painted surfaces

Remove all loose and flaking paint.

Check by applying a suitable self-adhesive tape to clean dry paint surfaces. Tear off tape after 10 mins. If paint is removed with the tape, the paint is unsound.

Remove unsound paint mechanically. Do NOT use paint strippers.

Plaster

Must be at least 4 weeks old before tiling.

Ensure finish coat has been applied, and surface is free from dust, efflorescence and friable material.

If plaster is shiny or polished, brush thoroughly and remove all dust before priming with:

- BAL PRIMER (diluted 1:1 with water) or
- BAL BOND SBR (diluted 1:4 with water)

Allow primer to dry

If plaster is defective/badly cracked, cut back to straight vertical or horizontal edges. Dry brush the background and make good with suitable non-shrinking filler.

Plasterboard

Ensure boards are securely fixed and rigid at 300mm centres vertically and horizontally or as per board manufacturer's recommendations with no protruding fixings. Ensure the face intended to receive decorative finish is exposed.

Plywood/chipboard/sheets

Ensure boards are securely fixed and rigid. Check with manufacturer that sheets/boards are suitable for intended application. Use moisture-resistant or exterior grade boards. Seal the reverse side and edges with BAL BOND SBR to prevent distortion from atmospheric changes. Do NOT seal surfaces to be tiled. Sheets/boards must be dry, securely fixed and rigid, e.g. screwed to a seasoned timber framework at 300mm centres vertically and horizontally.

The adhesive is also suitable for surfaces with BAL WP1 COATING.

APPLICATION/USAGE

Do NOT use in temperatures below 5°C or in damp conditions. If fixing larger format tiles (advised up to max. 300x300mm) or porcelain tiles (up to 150 x 150mm) or fixing onto a non-porous background (e.g. tiles), drying times will be extended. For larger size tiles contact BAL Technical Advisory Service.

Fixing procedure

1. Apply adhesive to wall surface and comb out, using a suitable trowel.
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 (over 30 minutes at 20°C) depending on surface porosity/atmospheric conditions. If skin has formed, remove adhesive and apply fresh layer.
4. Occasionally lift a tile to check adhesive contact area: min. 50% coverage for dry areas; min. 100% coverage for wet areas (i.e. no voids).
5. Leave joints (min. 1mm) between tiles, unless self-spacing tiles used.
6. Clean off surplus adhesive from tile face and between tile joints.

Grouting

7. Wait minimum 24 hours at 20°C.

NOTE: If tiling on an impervious background (e.g. existing tiles or primed areas) and/or fixing larger format tiles (up to 300x300mm) or porcelain tiles (up to 150 x 150mm), delay grouting for min. 3 days, to allow for extended setting time.

8. Fill movement joints and seal around baths/shower trays with suitable sealant e.g. BAL MICROMAX SILICONE SEALANT.

NOTE: If grouting shower areas, allow grout to dry for min. 2 weeks before using shower.

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. 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:

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

Ireland

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.

PorcelBond Plus™ is a trademark of Building Adhesives Ltd