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# PROFESSIONAL FIXING GUIDE



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## The **NEW** & easier way of choosing tile adhesives & grouts



- Specially designed for Architects, Specifiers, Distributors, Contractors & Tile Fixers
- Instant NBS M40 format specifications
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40 years' experience in the development and manufacture of a comprehensive range of ceramic tile adhesives, grouts and ancillary products, has guaranteed BAL's position as the chosen brand for professional tile fixers, contractors, architects and specifiers.

BAL products are guaranteed to perform and may be specified with confidence. BAL operates a quality management system and is accredited to BS EN ISO 9001 and its products are covered by the BAL 10 year guarantee.

### BAL WEBSITE

The BAL website offers specifiers, contractors, distributors and fixers information on BAL products and services. Visit the website on [www.building-adhesives.com](http://www.building-adhesives.com) for up to date information.

- Distributor locator search
- On-line literature including range brochure, fixing guide, material safety/technical data
- Case studies, FAQs & latest news
- Up-to-date training course programmes
- On-line technical advice



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**TECHNICAL SUPPORT**

BAL's commitment to quality extends beyond the product. BAL's Technical Advisory Service handles over 30,000 enquiries each year, offering free help, advice and specifications on all aspects of ceramic tiling installations. A nationwide team of BAL Product Support Technicians are on hand to offer practical knowledge and on-site training.



**TRAINING**

BAL recognises the importance of training and remains committed to investing in national and regional training.

**New NVQ Programme - Level 2 in Wall & Floor Tiling**

- On-site assessment
- Qualified, expert trainers
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**Practical and Specialist Tile Fixing Courses**

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For further information on course dates and bookings call 01782 591123.



- Over 30,000 telephone enquires per year
- Free advice on all aspects of ceramic tiling
- Free tiling specifications
- Field investigation reports
- Calls to the professional helpline above are charged at local rate



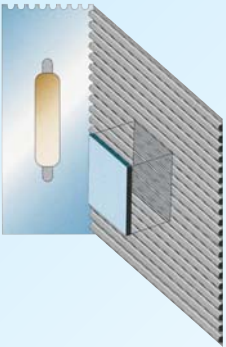
The BAL Fixer Club has been set up to reward regular trade users of our superb products. As the name suggests, membership is exclusive to only the professional tile fixer.

Our reward scheme is based on a selection of BAL adhesives, grouts and waterproofing products, the sort of BAL product you use every day. Enjoying the rewards is easy, all you have to do is simply Collect & Claim. Collect your proof of purchase, invoices and receipts and claim your rewards. Call now on 01782 591100 for a Fixer Club Recruitment Leaflet.

## BAL TROWELS

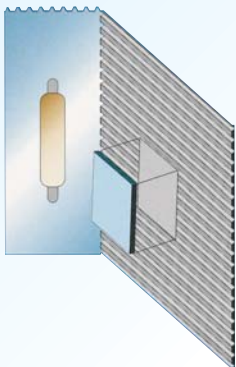
### WALL TROWELS

Using the right trowel for the job is very important and can often be crucial to the success of the installation.



#### BAL ROUND NOTCHED TROWEL

- 6mm round notches at 12mm centres.
- Suitable for thin-bed fixing in interior dry areas for most ceramic, marble and natural stone wall tiles.
- Coverage: approx. 70%.

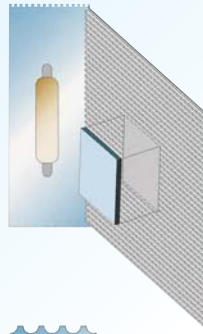


#### BAL THIN BED SOLID BED TROWEL

- 10mm wide notches at top, tapering to 5mm deep at 12.5mm centres.
- For solid bed fixing of most ceramic, marble and natural stone tiles on flat wall surfaces.
- Ideal for use in interior wet areas and hygiene critical areas.
- Coverage: 100% achievable at 2-3mm bed depth.

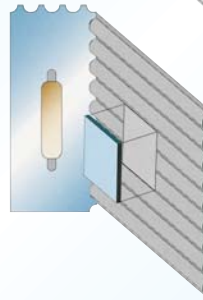
## BAL TROWELS

### WALL/FLOOR TROWELS



#### BAL MOSAIC TROWEL

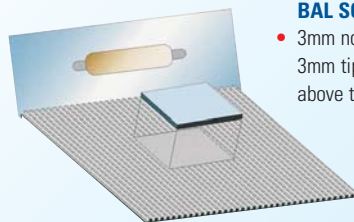
- 4mm square notches at 8mm centres.
- Suitable for thin-bed fixing mosaics/tiles up to 100mmx100mm.
- Coverage: approx. 90%.



#### BAL THICK BED SOLID BED TROWEL

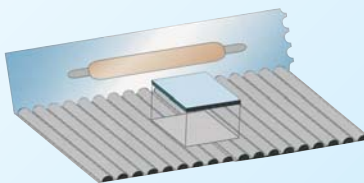
- 20mm wide round notches with 10mm depth at 28mm centres.
- Suitable for all floors and wall backgrounds or tiles with recessed or keyed back patterns.
- Coverage 100% achievable at 3-4mm bed depth

### FLOOR TROWELS



#### BAL SOLID BED TIPPED TROWEL

- 3mm notches at 6mm centres with 3mm tips at each end and protruding above the notches.
- Designed for use with BAL two-part adhesive systems.
- The tips ensure a 4mm solid bed.



#### BAL LARGE FORMAT TROWEL

- 20mm wide round notches 13mm deep at 28mm centres.
- Ideal for fixing tiles over 300mmx300mm.

## EUROPEAN STANDARDS

### EN 12004

SYMBOL		DESCRIPTION
TYPE	CLASS	
C	1	Normal cementitious adhesive
C	1 F	Fast-setting cementitious adhesive
C	1 T	Normal cementitious adhesive with reduced slip
C	1 F T	Fast-setting cementitious adhesive with reduced slip
C	2	Improved cementitious adhesive with additional characteristics
C	2 E	Cementitious adhesive with extended open time
C	2 F	Improved fast-setting cementitious adhesive with additional characteristics
C	2 T	Improved cementitious adhesive with additional characteristics and reduced slip
C	2 T E	Improved cementitious adhesive with additional characteristics, reduced slip and extended open time
C	2 F T	Improved fast-setting cementitious adhesive with additional characteristics and reduced slip
D	1	Normal dispersion adhesive
D	1 T	Normal dispersion adhesive with reduced slip
D	2	Improved dispersion adhesive with additional characteristics
D	2 T	Improved dispersion adhesive with additional characteristics and reduced slip
D	2 T E	Improved dispersion adhesive with additional characteristics, reduced slip and extended open time
R	1	Normal reaction resin adhesive
R	1 T	Normal reaction resin adhesive with reduced slip
R	2	Improved reaction resin adhesive with additional characteristics
R	2 T	Improved reaction resin adhesive with additional characteristics and reduced slip

### EN 13888

SYMBOL		DESCRIPTION
TYPE	CLASS	
C	G1	Normal cementitious grout
C	G2	Improved cementitious grout with additional characteristics
R	G1	Reaction resin grout

### EN 12002

SYMBOL		DESCRIPTION
TYPE	CLASS	
C	S1	Deformable adhesive
C	S2	Highly deformable adhesive

## MOVEMENT JOINTS

### MOVEMENT JOINTS

Movement joints are an essential part of tiling. Incorrectly incorporated joints will often lead to installation failures.

Movement joints should be a minimum 6mm width and incorporated:

### FOR INTERIOR WALL TILING

- Over existing and/or structural movement joints.
- Where tiling abuts other materials.
- Where tiling is continued across junctions of different background materials.
- In large tiled areas, at internal corners and at 3-4.5m centres horizontally and vertically.
- Where stresses are likely to be concentrated, i.e. at changes of alignment.

### FOR EXTERIOR WALL TILING

Incorporate joints as per interior wall tiling above and in addition:

- At storey heights horizontally and 3-4.5m apart vertically.
- At external angles, vertically 0.25m-1m from the angle and symmetrically where possible.
- Where an intermediate substrate is used, the movement joints should extend through it.

### FOR INTERIOR/EXTERIOR FLOOR TILING

- Over existing and/or structural movement joints.
- Around the perimeter of the floor, in door openings and where tiling abuts columns, curbs, steps and permanent fixtures.
- Where tiling is across junctions of different base materials.
- In large floor areas, tiling should be divided into bays at 8-10m intervals. On suspended floors the bay size should be reduced and additional joints provided over supporting walls or beams.

## GENERAL PREPARATION

### GENERAL PREPARATION

Before commencing any work ensure that the background/base is:

- Sufficiently flat.
- Free from any contamination.
- Clean.
- Dry.
- Suitable for the intended service conditions.
- Sufficiently strong and rigid to support the tile finish.

#### Notes to be used in conjunction with background preparation 1, 2, 3 & 4 and base preparation 5, 6, 7 & 8 instructions:

In wet areas, tank out with BAL WP1 SHOWER KIT/WP1 TANKING SYSTEM. In intermittently wet areas, e.g. domestic showers, an epoxy grout such as BAL EASYPOXY may be used to offer additional protection. Fill movement joints with BAL MICROSEAL SILICONE SEALANT.

To prevent any pooling of water, BAL ACRYBASE can be used to create falls/level out the floor prior to tanking for base 5, and BAL FASTFLEX for bases 6, 7 and 8.

### CODES OF PRACTICE

The information/advice given in this guide is based on the British Standard BS 5385 parts 1 to 5 - the code of practice for wall and floor tiling.

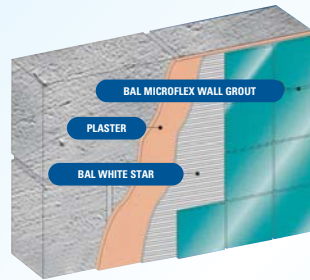
- Part 1:1995. Code of practice for the design and installation of internal ceramic and natural stone wall tiling and mosaics in normal conditions.
- Part 2:1991. Code of practice for the design and installation of external ceramic wall tiling and mosaics (including terracotta and faience tiles).
- Part 3:1989. Code of practice for the design and installation of ceramic floor tiles and mosaics.
- Part 4:1992. Code of practice for tiling and mosaics in specific conditions.
- Part 5:1994. Code of practice for the design and installation of terrazzo tile and slab, natural stone and composition block floorings.

#### Other relevant standards include:

- BS 8000:Workmanship on building sites. In particular:
  - Part 2:1990 - Code of practice for concrete work.
  - Part 3:2001 - Code of practice for masonry.
  - Part 8:1994 - Code of practice for plasterboard partitions and dry lining.
  - Part 9:2003 - Code of practice for cement:sand floor screeds and concrete floor toppings.
  - Part 10:1995 - Code of practice for plastering and rendering.
  - Part 11:1989 - Code of practice for wall and floor tiling.
- BS 8203:2001:Installation of resilient floor coverings.
- BS 8204:Part 1:2002 and 2:2003 - In situ floorings.

## BACKGROUND PREPARATION - WALLS

### GYPSUM PLASTER<sup>1</sup>

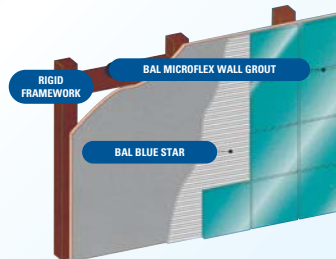


- The weight of tiling should not exceed 20kg/m<sup>2</sup>.

- Allow new plaster a minimum 4 weeks drying time.
- The finish coat must be free from contaminants.
- Any defective areas should be made good.
- Plaster with a polished surface should be brushed with a stiff bristle brush and primed with a mixture of 1:4 BAL BOND SBR: water or 1:1 BAL PRIME APD: water. Allow primer to dry.

<sup>1</sup>See additional notes in general preparation, page 9.

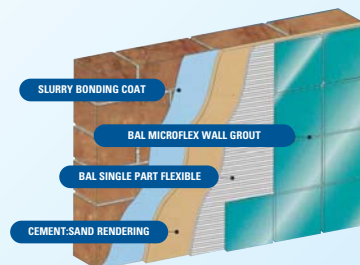
### GYPSUM PLASTERBOARD<sup>2</sup>



- Boards must be dry, securely fixed and rigid with no protruding fixings.
- The weight of tiling should not exceed 32kg/m<sup>2</sup>.

<sup>2</sup>See additional notes in general preparation, page 9.

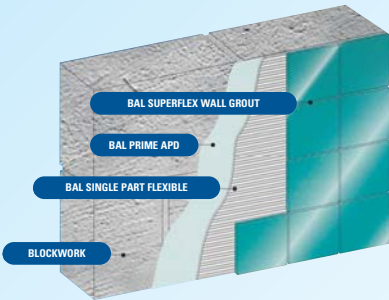
### CEMENT:SAND RENDERING



- Allow new rendering a minimum 2 weeks drying time (3 weeks for swimming pools), and 24 hours for render containing BAL QUICKSET CEMENT.

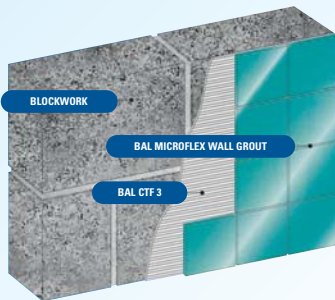
## BACKGROUND PREPARATION - WALLS

### LIGHTWEIGHT BLOCK WALLING



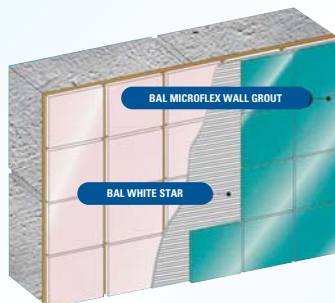
- Allow a minimum 6 weeks drying time before rendering/plastering.
- Direct fixing is only acceptable when the wall is smooth-faced.
- Without rendering, it is only suitable for internal dry conditions.

### DENSE CONCRETE/BLOCK WALLING



- Allow a minimum 6 weeks drying time before rendering/plastering.
- Direct fixing is only acceptable when the wall is smooth-faced.

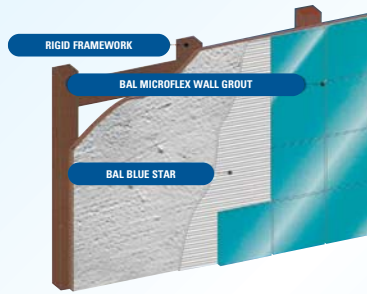
### GLAZED TILES/BRICKS



- Existing tiles/bricks must be securely bonded to their bed and must be in sound, clean condition.
- Any loose tiles should be removed and made good with 1:3 cement:sand mortar, applied over a slurry bonding coat (2:1 cement: BAL BOND SBR).

## BACKGROUND PREPARATION - WALLS

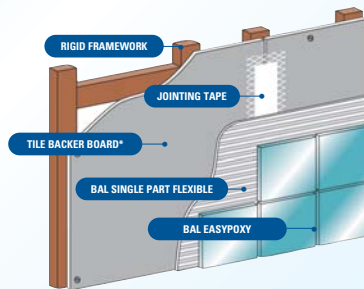
### FIBRE REINFORCED CEMENT SHEETS<sup>2</sup>



<sup>2</sup>See additional notes in general preparation, page 9.

- Sheets must be dry, securely fixed and rigid - screwed to a seasoned timber or other suitable proprietary framework at 300mm centres.
- Use moisture resistant boards.
- Seal the reverse side and edges with BAL BOND SBR.
- Do not seal or prime surfaces to be tiled.

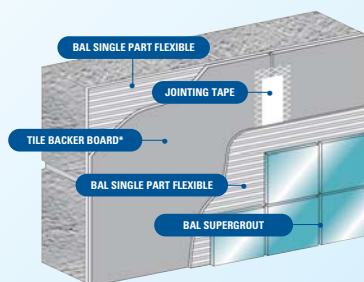
### FIBRE MESH REINFORCED CEMENT FACED TILE BACKER BOARDS ONTO RIGID FRAMEWORK



- Boards must be dry, securely fixed and rigid without protruding fixings.
- Do not seal or prime surfaces to be tiled.
- Use the appropriate tape over joints.

\*Check the suitability of tile backer boards with the manufacturer.

### FIBRE MESH REINFORCED CEMENT FACED TILE BACKER BOARDS ONTO CONCRETE, BLOCKWORK, BRICK & RENDER

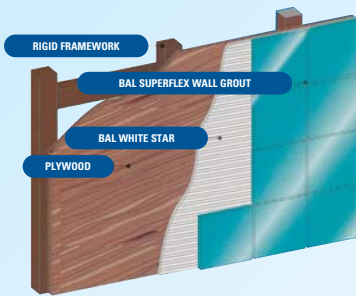


- Boards must be dry, securely fixed and rigid without protruding fixings.
- Do not seal or prime surfaces to be tiled.
- Use the appropriate tape over joints.

\*Check the suitability of tile backer boards with the manufacturer.

## BACKGROUND PREPARATION - WALLS

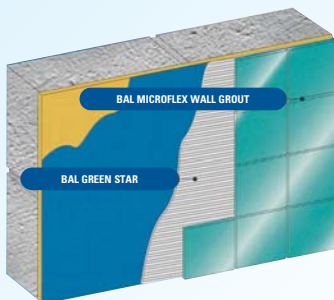
### PLYWOOD/CHIPBOARD/CALCIUM SILICATE BOARDS<sup>4</sup>



- Sheets must be dry, securely fixed and rigid - screwed to a seasoned timber or other suitable proprietary framework at 300mm centres.
- Use moisture resistant or exterior grade boards.
- Seal the reverse side and edges with BAL BOND SBR.
- Do not seal or prime surfaces to be tiled.

<sup>4</sup>See additional notes in general preparation, page 9.

### PAINTED WALLS



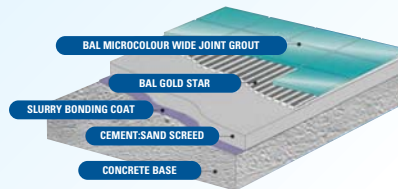
- Ensure that the paint is in a sound condition.
- Check by applying some carpet tape to clean, dry paint surfaces. Leave for 10 minutes before tearing off.
- If paint is removed with the tape, remove all areas of unsound paint by mechanical means.
- Do not use paint strippers.

### TECHNICAL HELPLINE



## BASE PREPARATION - FLOORS

### CEMENT:SAND SCREEDS



#### For new screeds:

- Allow a minimum 3 weeks drying time, or 24 hours for BAL QUICKSET CEMENT.

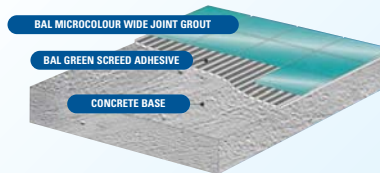
#### For existing screeds:

- Cut out all loose or hollow portions and make good with a 1:3 cement:sand mortar applied over a slurry bonding coat\*. Alternatively make good with a mixture of 2:1 BAL POURABLE THICK BED/BAL PTB FLEXIBLE: BAL BOND SBR over a slurry bonding coat\*.
- Remove any unsound adhesive residues without damaging the base.

\*Slurry bonding coat:

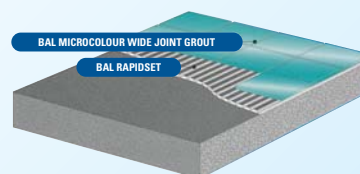
- By weight 2:1 BAL QUICKSET CEMENT: BAL BOND SBR, pre-diluted 1:1 with clean water.
- Or 2:1 Portland cement: BAL BOND SBR by weight.

### CONCRETE BASES



- Allow a minimum 6 weeks drying time or 1 week when BAL GREEN SCREED ADHESIVE is used.

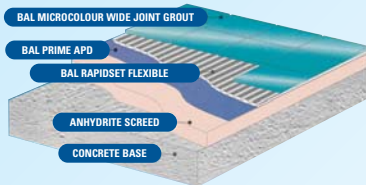
### ASPHALT BASES



- The mastic asphalt should be sound, with a natural float finish and laid on a firm rigid base.
- The asphalt should be a suitable grade e.g. flooring.
- The surface should be sufficiently regular to suit bedding depths of adhesive.
- Remove any surface contaminants.

## BASE PREPARATION - FLOORS

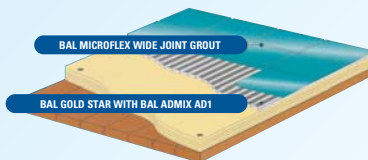
### ANHYDRITE SCREEDS<sup>5</sup>



<sup>5</sup>See additional notes in general preparation, page 9.

- Allow screeds to dry out in accordance with the manufacturer's instructions.
- Mechanically abrade the top surface to remove the weak layer.
- In internal dry areas, remove all dust and prime with two coats of neat BAL PRIME APD.
- In wet areas, tank with BAL WP1 TANKING SYSTEM.

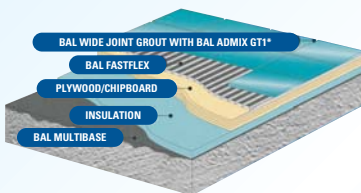
### PLYWOOD OVERLAID TONGUE & GROOVE FLOORBOARDS<sup>6</sup>



<sup>6</sup>See additional notes in general preparation, page 9.

- Existing floorboards must be dry, securely screw fixed and acceptably level.
- Prior to fixing, seal the reverse side and edges of the plywood (WBP or marine grade at minimum 15mm thick) with BAL BOND SBR.
- Lay sheets with cross joints staggered and a 0.5-1mm gap between boards.
- Screw down sheets at 300mm centres ensuring screw heads are flush with the surface.

### FLOATING CHIPBOARD/PLYWOOD FLOORS<sup>7</sup>

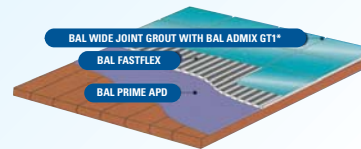


<sup>7</sup>See additional notes in general preparation, page 9.  
<sup>\*</sup>mix 1:1 with water

- The concrete base should be flat. Level the floor using BAL MULTIBASE/ BAL ACRYBASE if necessary.
- The insulation layer must be sufficiently strong to support the tiling load.
- The timber sheets are of a water resistant or exterior grade. They must be dry and rigid without protruding
- The sheets should have tongue & groove edges and be glued and well bonded. Avoid too many joints.
- Leave at least a 15mm gap between board edges and walls/any interruptions in the floor. Fill the gap with an insulation strip.
- The floor should be stable and able to carry the expected trafficking and additional load without excessive movement or deflection.

## BASE PREPARATION - FLOORS

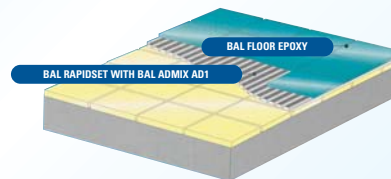
### TONGUE & GROOVE FLOORBOARDS<sup>8</sup>



<sup>8</sup>See additional notes in general preparation, page 9.  
<sup>\*</sup>mix 1:1 with water

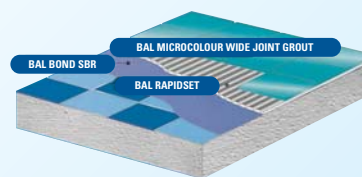
- The boards must be dry, free from varnish, securely fixed and rigid without protruding fixings.
- Boards must be screwed down to the supporting joists at 300mm centres.
- Seal board surface with two coats of BAL PRIME APD.
- Apply a second coat at 90° to the first.
- Allow each coat to dry.

### CERAMIC/QUARRY TILE/TERRAZZO/NATURAL STONE BASES



- Existing tiles must be firmly bonded to their base and must be in sound, clean condition.
- Any loose tiles should be removed and made good with a 1:3 cement:sand mortar applied over a slurry bonding coat (1:2 cement: BAL BOND SBR). Alternatively make good with BAL POURABLE THICK BED/ BAL PTB FLEXIBLE over a slurry bonding coat of 2:1 the adhesive: BAL BOND SBR.

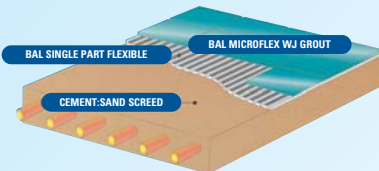
### VINYL TILE/SHEET BASES



- Existing vinyl tiles/sheets should be firmly bonded to their base and must be in sound, clean condition.

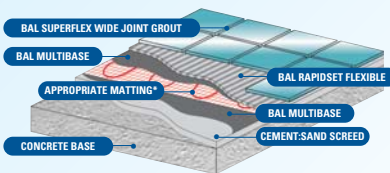
## BASE PREPARATION - FLOORS

### TILING TO HEATED SCREEDS



- Allow a minimum 3 weeks drying time for Portland cement, and 1 week for BAL QUICKSET CEMENT.
- The screed should be heated at maximum 5°C per day to 25°C and maintained for 3 days before cooling down to room temperature.
- The heating system should be turned off 24 hours before tiling, or turned down to below 15°C in cold weather.
- The floor can be grouted 8 days after tiling and after a further 6 days can be heated up to the operating temperature at maximum 5°C per day.

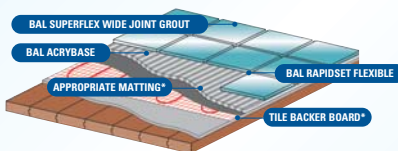
### TILING TO UNDER TILE HEATING SYSTEM ONTO CEMENT-SAND SCREDS



- The base must be sufficiently flat to permit the flatness of finished tiling.
- The base must be suitable for the intended service conditions.
- The base must be sufficiently strong and rigid to support the tile finish, and free from contamination.
- Allow a minimum 6 week drying time for new concrete and 3 weeks for new cement:sand screeds.
- Prime highly absorbent cement:sand screeds with two coats of BAL PRIME APD diluted 1:1 with water.
- Level floors with BAL MULTIBASE/BAL ACRYBASE where necessary.

\*Check the suitability of matting with the manufacturer.

### TILING TO UNDER TILE HEATING SYSTEM ONTO TIMBER FLOORS

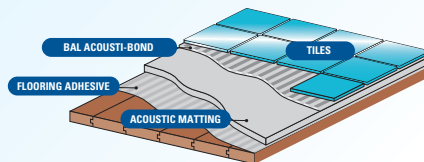


- The new timber base should have noggings between the joists at 300mm centres.
- The floor boards should be overlaid with tile backer board (minimum thickness 10mm), or plywood (minimum thickness 15mm) screwed to both noggings and joists at 300mm centres.
- When using plywood, prime with one coat of BAL BOND SBR and allow to dry.

\*Check the suitability of the matting and the tile backer board with the manufacturers.

## BASE PREPARATION - FLOORS

### TILING TO IMPACT SOUND DEADENING INSULATION

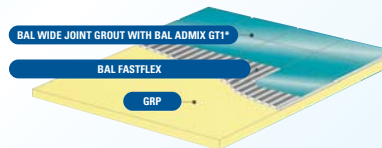


- The matting must be laid on a flat, rigid base without any protrusions.
- Spread a suitable flooring adhesive over the base.
- Bond matting as per manufacturer's instructions.

\*This product should be used in conjunction with approved matting systems to achieve the performance requirements of Part E of the building regulations 2000 - Resistance to the passage of sound.

For information on approved systems please contact the BAL Technical Advisory Service on: 01782 591120.

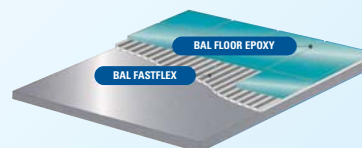
### GLASS REINFORCED POLYESTER (GRP) BACKGROUNDS/BASES



- Check that the GRP is a suitable grade for the intended application with the manufacturer.
- Surface must be free from contaminants. Excess surface wax should be removed.
- The GRP coating must be sound. Any exposed fibres must be sealed.
- Wash down with clean water and allow to dry.

\*mix 1:1 with water

### STEEL BACKGROUNDS/BASES

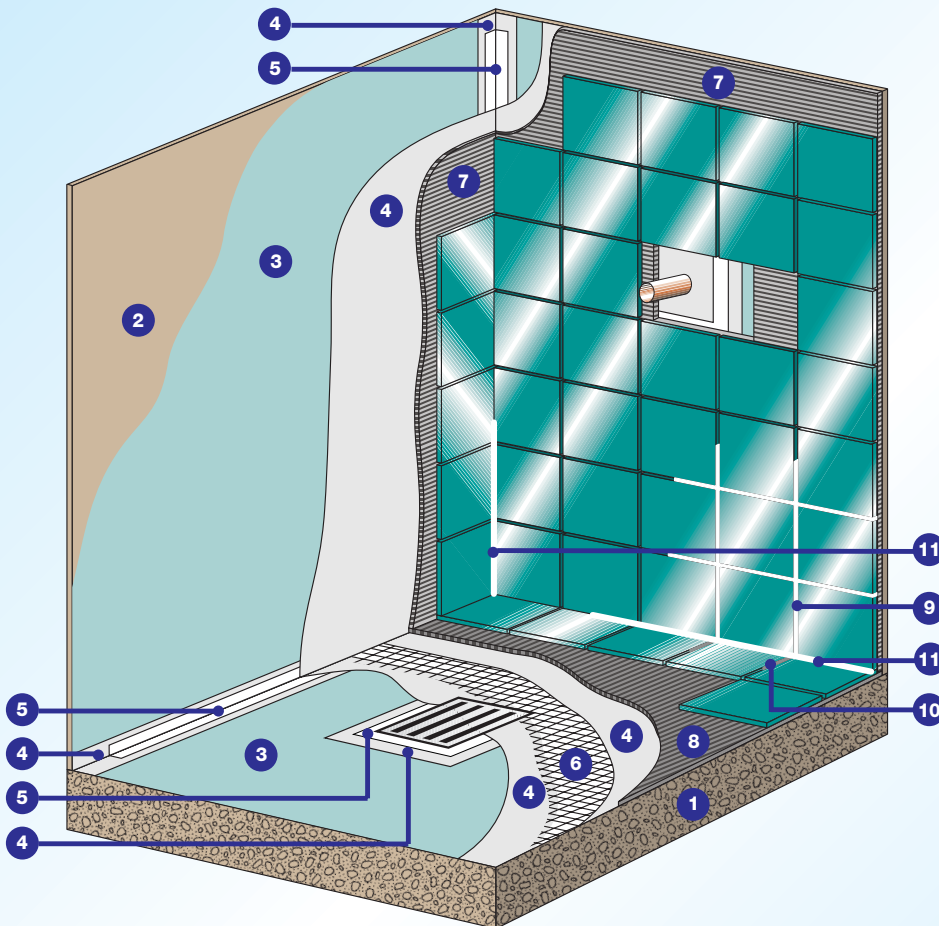


- The surface should be firm, rigid and free from deflection/contaminants.

## WP1 TANKING SYSTEM

## WP1 TANKING SYSTEM

### BAL WP1 WATERPROOFING SYSTEM



- 1 Concrete Base
- 2 Plasterboard
- 3 BAL Prime APD
- 4 BAL WP1 Waterproof Coating
- 5 BAL WP1 Polyester Tape
- 6 BAL WP1 Polyester Matting
- 7 BAL White Star
- 8 BAL Single Part Flexible
- 9 BAL Microflex Wall Grout
- 10 BAL Microflex Wide Joint Grout
- 11 BAL Microseal Silicone Sealant

- Prime all surfaces with BAL PRIME APD and allow to dry.
- At the following locations apply BAL WP1 COATING reinforced with BAL WP1 POLYESTER TAPE:
  - Internal and external corners of walls/partitions and their junctions with bases, upstands and columns, etc.
  - Pipe penetrations, drainage channels and outlets.
  - Junctions of different background/base materials.
  - Cracks and joints in background/base.

- Apply a second coat of BAL WP1 COATING over BAL WP1 POLYESTER TAPE.
- Apply BAL WP1 COATING to walls.
- Apply BAL WP1 COATING to floors.
- For wet areas, e.g. showers, and where some vibration or deflection may be expected, e.g. timber bases, reinforce with BAL WP1 POLYESTER MATTING. Bed the matting into the coating and apply a second layer of coating over the top.
- Ensure that BAL WP1 TANKING SYSTEM is applied free from voids.
- Allow membrane to dry for at least 24 hours before tiling.

## ADHESIVE COVERAGE

## ADHESIVE COVERAGE

PRODUCT	SIZE	DRY AREA (WALL) BAL Mosaic Trowel	DRY AREA (WALL) BAL Round Notched Trowel	WET AREA (WALL) BAL Thin Bed Solid Bed Trowel	FLOOR BAL Thick Bed Solid Bed Trowel	FLOOR BAL Large Format Trowel	FLOOR BAL Solid Bed Tipped trowel
<b>BAL READY MIXED ADHESIVES</b>							
BAL GREEN STAR	15 kg	-	10.7m <sup>2</sup>	5.2m <sup>2</sup>	-	-	-
	7.5 kg	-	5.4m <sup>2</sup>	2.6m <sup>2</sup>	-	-	-
	3.75 kg	-	2.7m <sup>2</sup>	1.3m <sup>2</sup>	-	-	-
BAL BLUE STAR	10L	-	10.0m <sup>2</sup>	5.0m <sup>2</sup>	-	-	-
	5L	-	5.0m <sup>2</sup>	2.5m <sup>2</sup>	-	-	-
	2.5L	-	2.5m <sup>2</sup>	1.2m <sup>2</sup>	-	-	-
BAL WHITE STAR	1L	-	1.0m <sup>2</sup>	0.5m <sup>2</sup>	-	-	-
	10L	-	10.0m <sup>2</sup>	5.0m <sup>2</sup>	-	-	-
	5L	-	5.0m <sup>2</sup>	2.5m <sup>2</sup>	-	-	-
BAL GRIP	2.5L	-	2.5m <sup>2</sup>	1.2m <sup>2</sup>	-	-	-
	1L	-	1.0m <sup>2</sup>	0.5m <sup>2</sup>	-	-	-
	15 kg	-	8.3m <sup>2</sup>	4.5m <sup>2</sup>	-	-	-
BAL TILE & GROUT	7.5 kg	-	4.2m <sup>2</sup>	2.3m <sup>2</sup>	-	-	-
	15 kg	-	7.5m <sup>2</sup>	3.8m <sup>2</sup>	-	-	-
	7.5 kg	-	3.8m <sup>2</sup>	1.9m <sup>2</sup>	-	-	-
BAL TILE & GROUT	3.75 kg	-	1.9m <sup>2</sup>	1.0m <sup>2</sup>	-	-	-
	1.5 kg	-	0.8m <sup>2</sup>	0.4m <sup>2</sup>	-	-	-
	1.5 kg	-	0.8m <sup>2</sup>	0.4m <sup>2</sup>	-	-	-
<b>BAL CEMENTITIOUS ADHESIVES</b>							
BAL GOLD STAR	20 kg	-	10.0m <sup>2</sup>	6.9m <sup>2</sup>	5.0m <sup>2</sup>	-	-
	10 kg	-	5.0m <sup>2</sup>	3.4m <sup>2</sup>	2.5m <sup>2</sup>	-	-
	5 kg	-	2.5m <sup>2</sup>	1.7m <sup>2</sup>	1.3m <sup>2</sup>	-	-
BAL CTF3	20 kg	-	10.0m <sup>2</sup>	6.9m <sup>2</sup>	5.0m <sup>2</sup>	-	-
	10 kg	-	5.0m <sup>2</sup>	3.4m <sup>2</sup>	2.5m <sup>2</sup>	-	-
BAL RAPIDSET	20 kg	-	10.0m <sup>2</sup>	6.9m <sup>2</sup>	5.0m <sup>2</sup>	-	-
	10 kg	-	5.0m <sup>2</sup>	3.4m <sup>2</sup>	2.5m <sup>2</sup>	-	-
	5 kg	-	2.5m <sup>2</sup>	1.7m <sup>2</sup>	1.3m <sup>2</sup>	-	-
BAL POURABLE THICK BED	20 kg	-	-	-	3.4m <sup>2</sup>	2.3m <sup>2</sup>	-
<b>BAL FLEXIBLE CEMENTITIOUS ADHESIVES</b>							
BAL MOSAIC-FIX	20 kg	12.5m <sup>2</sup>	10.0m <sup>2</sup>	8.0m <sup>2</sup>	-	-	-
	10 kg	6.3m <sup>2</sup>	5.0m <sup>2</sup>	4.0m <sup>2</sup>	-	-	-
	5 kg	3.1m <sup>2</sup>	2.5m <sup>2</sup>	2.0m <sup>2</sup>	-	-	-
BAL GREEN SCREED ADHESIVE	20 kg	-	-	-	5.3m <sup>2</sup>	-	-
BAL SINGLE PART FLEXIBLE	20 kg	-	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>	-	-
	10 kg	-	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>	-	-
BAL RAPIDSET FLEXIBLE	20 kg	-	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>	-	-
	10 kg	-	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>	-	-
BAL PTB FLEXIBLE	20 kg	-	-	-	3.8m <sup>2</sup>	2.4m <sup>2</sup>	-
BAL ACOUSTI-BOND	7.5 kg	-	-	-	-	-	2.5m <sup>2</sup>
<b>BAL TWO PART ADHESIVES</b>							
BAL FLEX	8.5kg & 5L	-	-	8.9m <sup>2</sup>	5.6m <sup>2</sup>	-	-
BAL FASTFLEX	7.5kg & 5L	-	-	-	4.8m <sup>2</sup>	3.2m <sup>2</sup>	4.3m <sup>2</sup>

The coverages may vary dependent on the nature and flatness of the surface.

## GROUT COVERAGE

## GROUT COVERAGE

PRODUCT	SIZE	WALL	WALL	FLOOR	FLOOR
		150x150x5.5mm 2mm Joint	200x200x5.5mm 2mm Joint	300x300x9mm 3mm Joint	200x200x9mm 3mm Joint

### BAL WALL GROUTS

BAL MICROFLEX WALL GROUT	10kg	52.6m <sup>2</sup>	71.4m <sup>2</sup>	-	-
	3.5kg	18.4m <sup>2</sup>	25.0m <sup>2</sup>	-	-
BAL SUPERFLEX WALL GROUT	10kg	52.6m <sup>2</sup>	71.4m <sup>2</sup>	-	-
	3.5kg	18.4m <sup>2</sup>	25.0m <sup>2</sup>	-	-
BAL MICROCOLOUR WALL GROUT	10kg	50.0m <sup>2</sup>	66.7m <sup>2</sup>	-	-
	2.5kg	12.5m <sup>2</sup>	16.7m <sup>2</sup>	-	-
BAL GROUT	20kg	105.3m <sup>2</sup>	142.9m <sup>2</sup>	-	-
	10kg	52.6m <sup>2</sup>	71.4m <sup>2</sup>	-	-
	3.5kg	18.4m <sup>2</sup>	25.0m <sup>2</sup>	-	-
	1.5kg	7.9m <sup>2</sup>	10.7m <sup>2</sup>	-	-
BAL SUPERGROUT	4kg	17.4m <sup>2</sup>	23.5m <sup>2</sup>	-	-
	1.5kg	6.5m <sup>2</sup>	8.8m <sup>2</sup>	-	-

### BAL WIDE JOINT GROUTS

BAL MICROFLEX WIDE JOINT GROUT	10kg	-	-	29.4m <sup>2</sup>	19.6m <sup>2</sup>
	3.5kg	-	-	10.3m <sup>2</sup>	6.9m <sup>2</sup>
BAL SUPERFLEX WIDE JOINT GROUT	10kg	-	-	29.4m <sup>2</sup>	19.6m <sup>2</sup>
	3.5kg	-	-	10.3m <sup>2</sup>	6.9m <sup>2</sup>
BAL MICROCOLOUR WIDE JOINT GROUT	10kg	-	-	23.8m <sup>2</sup>	35.7m <sup>2</sup>
	2.5kg	-	-	6.0m <sup>2</sup>	8.9m <sup>2</sup>
BAL WIDE JOINT GROUT	10kg	-	-	34.0m <sup>2</sup>	22.7m <sup>2</sup>
	3.5kg	-	-	12.1m <sup>2</sup>	8.0m <sup>2</sup>

### BAL EPOXY GROUTS

BAL EASYPOXY	5kg	20.8m <sup>2</sup>	27.8m <sup>2</sup>	16.7m <sup>2</sup>	11.1m <sup>2</sup>
	1kg	4.2m <sup>2</sup>	5.6m <sup>2</sup>	3.3m <sup>2</sup>	2.2m <sup>2</sup>
BAL FLOOR EPOXY	10kg	-	-	32.3m <sup>2</sup>	21.7m <sup>2</sup>
BAL EPOXY LV	10kg	-	-	33.3m <sup>2</sup>	22.2m <sup>2</sup>

## WALL TILING

## PRODUCT SELECTOR

### WALL TILE ADHESIVE SELECTOR

	READY MIXED			CEMENTITIOUS		FLEXIBLE CEMENTITIOUS			2 PART	
	BAL GREEN STAR	BAL BLUE STAR	BAL WHITE STAR	BAL TILE & GROUT	BAL CTF 3	BAL RAPIDSET	BAL MOSAIC-FIX	BAL SINGLE PART FLEXIBLE	BAL RAPIDSET FLEXIBLE	BAL FLEX
Interior, Dry	●	●	●	●	●	●	●	●	●	●
Exterior	-	-	-	-	●	●	●	●	●	●
<b>INSTALLATION</b>										
Bathroom, Intermittent Wetting Domestic Shower	●	●	●	●	●	●	●	●	●	●
Communal Shower	-	-	●	-	●	●	●	●	●	●
Swimming Pool	-	-	-	-	●	●	●	●	●	●
Minor Vibration	-	-	●	●	●+A	●+A	●	●	●	●
Limited Deflection	-	-	-	-	-	-	-	-	-	●
<b>BACKGROUNDS</b>										
Cement: Sand Rendering	●	●	●	●	●	●	●	●	●	●
Standard Brick/Block	-	-	-	-	●+A	●+A	●	●	●	●
Dense Brick/Block/Concrete	-	-	-	-	●+A+P	●+A+P	●+P	●+P	●+P	●
Lightweight Blockwork	-	-	-	-	●+A+P	●+A+P	●+P	●+P	●+P	●
Plaster	●	●	●	●	●+P	●+P	●+P	●+P	●+P	●
Plasterboard	●	●	●	●	●+A+P	●+A+P	●+P	●+P	●+P	●
Tile Backer Boards	●	●	●	●	●+A	●+A	●	●	●	●
Fibre Cement Sheets	-	-	-	-	-	-	-	-	-	●
MDF Board	-	-	-	-	-	-	-	-	-	●
Unglazed Ceramic Tiles	●	●	●	●	●	●+A	●	●	●	●
Hard Natural Stone	●	●	●	●	●	●+A	●	●	●	●
Plywood Walls	●	●	●	●	●+A	●+A	●	-	-	●
Painted Walls	●	●	●	●	●+A	●+A	-	-	-	●
Glazed Ceramic Tiles	●	●	●	●	●+A	●+A	●	-	-	●
Steel	-	-	-	-	-	-	-	-	-	●

### WALL TILE GROUT SELECTOR

	READY MIXED	CEMENTITIOUS		PRO-HYGIENE SYSTEMS		EPOXY RESIN
	BAL SUPERGROUT	BAL GROUT	BAL SUPERFLEX WALL GROUT	BAL MICROFLEX	BAL MICROCOLOUR	BAL EASYPOXY
Interior, Dry	●	●	●	●	●	●
Exterior	-	●	●	●	●	●
<b>INSTALLATION</b>						
Bathroom, Intermittent Wetting Domestic Shower	●	●	●	●	●	●
Communal Shower	-	●	●	●	●	●
Swimming Pool	-	●	●	●	-	●
Worktop	-	-	-	-	-	●
<b>SPECIAL REQUIREMENTS</b>						
Antibacterial	-	-	-	●	●	-
Hygienic, Sterile Conditions For Food Use	-	-	-	-	-	●
Chemical Resistance	-	-	-	-	-	●
Minor Vibration	●	●+A	●	●	-	●
Limited Deflection	●	●+A	●	●	-	●

## FLOOR TILING

## PRODUCT SELECTOR

FLOOR TILE ADHESIVE SELECTOR											
	CEMENTITIOUS				FLEXIBLE CEMENTITIOUS						2 PART
	BAL GOLD STAR	BAL CTF3	BAL RAPIDSET	BAL POURABLE THICK BED	BAL MOSAIC-FIX	BAL GREEN SCREED ADHESIVE	BAL SINGLE PART FLEXIBLE	BAL RAPIDSET FLEXIBLE	BAL PTB FLEXIBLE	BAL ACOUSTI-BOND	BAL FASTFLEX
Interior, Dry	●	●	●	●	●	●	●	●	●	●	●
Exterior	●	●	●	●	●	●	●	●	●	-	●
<b>INSTALLATION</b>											
Bathroom, Intermittent Wetting	●	●	●	●	●	●	●	●	●	-	●
Domestic Shower	●	●	●	●	●	●	●	●	●	-	●
Communal Shower	●	●	●	●	●	●	●	●	●	-	●
Swimming Pool	●	●	●	●	●	●	●	●	●	-	●
Minor Vibration	●+A	●+A	●+A	●+A	●	●	●	●	●	-	●
Heavy Trafficking	●+A	●+A	●+A	●+A	●	●	●	●	●	-	●
Limited Deflection	-	-	-	-	-	-	-	-	-	●	●
<b>BASES</b>											
Plywood Overlaid Floors	●+A	●+A	●+A	●+A	●	-	●	●	●	●	●
Suspended Concrete Floor	●+A	●+A	●+A	●+A	●	●	●	●	●	●	●
Tongue & Groove Floorboards	-	-	-	-	-	-	-	-	-	●	●
Cement: Sand Screed	●	●	●	●	●	●	●	●	●	●	●
Mastic Asphalt	●	●	●	●	●	●	●	●	●	●	●
Anhydrite Screed	●+P	●+P	●+P	●+P	●+P	-	●+P	●+P	●+P	●	●+P
Heated Screeds	●+A	●+A	●+A	●+A	●	●	●	●	●	●	●
Vinyl Tiles/Sheets	●+A or B	●+A or B	●+A or B	●+A or B	●	-	●	●	●	-	●
Unglazed Ceramic Tiles	●	●	●	●	●	-	●	●	●	●	●
Hard Natural Stone	●	●	●	●	●	-	●	●	●	●	●
Glazed Ceramic Tiles	●+A	●+A	●+A	●+A	●	-	-	-	-	-	●
Steel	-	-	-	-	-	-	-	-	-	-	●
Epoxy Paint	●+A	●+A	●+A	●+A	● 1	-	● 1	● 1	● 1	-	●

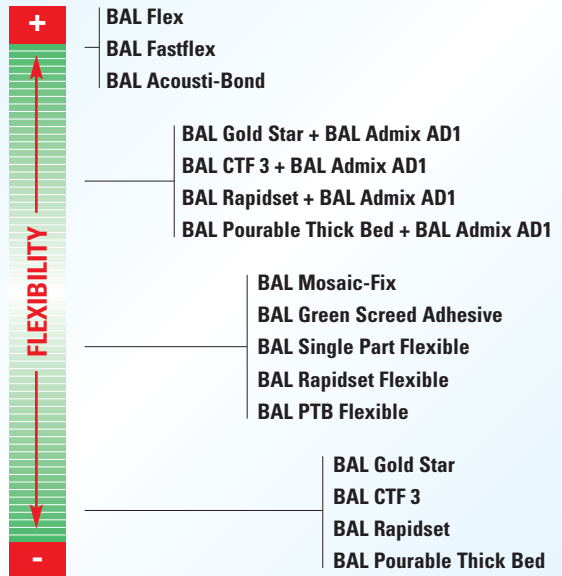
FLOOR TILE GROUT SELECTOR							
	CEMENTITIOUS		PRO-HYGIENE SYSTEMS		EPOXY RESIN		
	BAL WIDE JOINT GROUT	BAL SUPERFLEX WIDE JOINT	BAL MICROFLEX WIDE JOINT	BAL MICROCOLOUR WIDE JOINT	BAL EASYPOXY	BAL FLOOR	BAL EPOXY EPOXYLV
Interior	●	●	●	●	●	●	●
Exterior	●	●	●	●	●	●	●
<b>INSTALLATION</b>							
Bathroom, Intermittent Wetting	●	●	●	●	●	●	●
Domestic Shower	●	●	●	●	●	●	-
Communal Shower	●	●	●	●	●	●	-
Swimming Pool	●	●	●	-	●	●	●
Floating Wooden Floors	●+A	-	-	-	●	●	●
<b>SPECIAL REQUIREMENTS</b>							
Antibacterial	-	-	●	●	-	-	-
Hygienic, Sterile Conditions For Food	-	-	-	-	●	●	●
Chemical Resistance	-	-	-	-	●	●	●
Minor Vibration	●+A	●	●	●	●	●	●
Limited Deflection	●+A	●	●	●	●	●	●
Moderate Trafficking	●	●	-	●	●	●	●
Heavy Trafficking	●+A	●	-	●	-	●	●

## TILE CALCULATOR

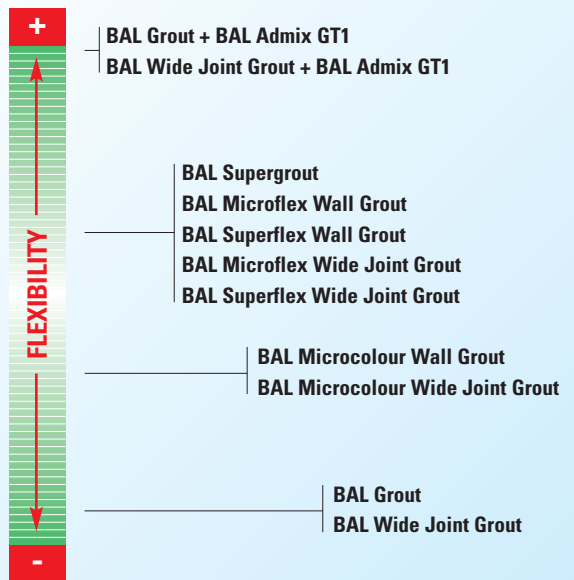
Tile size in inches & cm	Area to be tiled in m <sup>2</sup>													
	1	2	3	4	5	6	7	8	9	10	20	25	30	
4 x 4" 10 x 10	100	200	300	400	500	600	700	800	900	1000	2000	2500	3000	
4 1/4 x 4 1/4" 10.8 x 10.8	86	172	258	344	430	516	602	688	774	860	1720	2150	2580	
8 x 4" 20 x 10	50	100	150	200	250	300	350	400	450	500	1000	1250	1500	
6 x 6" 15 x 15	44	88	132	176	220	264	308	352	396	440	880	1100	1320	
8 x 6" 20 x 15	33	66	99	132	165	198	231	264	297	330	660	825	990	
8 x 8" 20 x 20	25	50	75	100	125	150	175	200	225	250	500	625	750	
10 x 8" 25 x 20	20	40	60	80	100	120	140	160	180	200	400	500	600	
8 x 12" 20 x 30	17	34	51	68	85	102	119	136	153	170	340	425	510	
10 x 14 1/8" 25 x 36.5	11	22	33	44	55	66	77	88	99	110	220	275	330	
12 x 10" 30 x 25	13	26	39	52	65	78	91	104	117	130	260	325	390	
12 x 12" 30 x 30	11	22	33	44	55	66	77	88	99	110	220	275	330	
12 1/4 x 12 1/4" 31.2 x 31.2	10	20	30	40	50	60	70	80	90	100	200	250	300	
13 x 13" 33 x 33	9	18	27	36	45	54	63	72	81	90	180	225	270	
12 1/4 x 8 1/4" 31 x 21 (Octagon incl. taco)	15	30	45	60	75	90	105	120	135	150	300	375	450	

## FLEXIBILITY CHART

### ADHESIVES



### GROUTS



## PREPARATION PRODUCTS

### BAL MULTIBASE



Floor levelling compound, suitable for use on most bases in interior locations. Single part system: 25kg bags.

- Interior
- Self-smoothing
- Rapid-setting

### BAL ACRYBASE



Floor levelling compound for use on most bases in interior and exterior locations. 2 part system: 23.5kg bag & 5L bottle.

- Interior/exterior
- Self-smoothing
- Rapid-setting

### BAL WP1 TANKING SYSTEM/SHOWER KIT



A waterproofing system for most walls and floors prior to the application of ceramic tiles in interior locations such as showers, bathrooms & toilets. Suitable for use with underfloor heating, not suitable for swimming pools.

- Seamless
- Waterproof
- Interior use

### BAL QUICKSET CEMENT



Specially formulated for the preparation of rapid hardening, low shrinkage mortars to be used as screeds or renders in interior, exterior or underwater locations. Screed may be walked on after 3 hours and tiled after 24 hours. Available in 25kg bags.

- Walls/floors
- Fast-setting
- Water/frost resistant

### BAL BOND SBR



A water-based polymer that may be used for many applications in the construction industry: as a slurry coat, admixture, primer, sealer or dust proofer. Available in 5L & 1L bottles.

- Water/frost resistant
- Interior/exterior
- White

### BAL PRIME APD



A rapid-drying primer suitable for use prior to tile fixing to a number of backgrounds and prior to the application of a levelling compound. It provides surface strength and helps to reduce the porosity of the background. Available in 2.5L bottles.

- Blue
- Walls/floors
- Interior/exterior

## READY MIXED ADHESIVES

### BAL BLUE STAR



A ready mixed ceramic wall tile adhesive designed for use in internal dry and intermittently wet areas. It can be used in domestic showers. Available in 10L, 5L, 2.5L & 1L buckets. BS EN 12004 D1T Adhesive.

- Non-slip
- High bond strength

### BAL GREEN STAR



A ready mixed ceramic wall tile adhesive designed for use in internal dry and intermittently wet areas. It can be used in domestic showers. Available in 15kg, 7.5kg & 3.75kg buckets. BS EN 12004 D1T Adhesive.

- Non-slip
- High bond strength
- Extended open time

### BAL WHITE STAR



A ready mixed ceramic wall tile adhesive designed for use in internal wet and dry areas. Suitable for use in domestic or commercial applications such as communal showers. Available in 10L, 5L, 2.5L & 1L buckets. BS EN 12004 D2TE Adhesive.

- Highly flexible
- Water-resistant
- Non-slip
- High bond strength

### BAL GRIP



A flexible, water-resistant, non slip ready-mixed ceramic wall tile adhesive designed for use in internal wet and dry areas. Available in 15kg & 7.5kg buckets. BS EN 12004 D2T Adhesive.

- Flexible
- Water-resistant
- Non-slip

### BAL TILE & GROUT



A brilliant white ready mixed ceramic wall tile adhesive and grout. Use on interior walls including bathrooms, showers and kitchens. Available in 15kg, 7.5kg, 3.75kg & 1.5kg buckets. BS EN 12004 D2T Adhesive.

- Waterproof
- Non-slip
- Mould-resistant
- Fix & grout

## WALL & FLOOR TILE ADHESIVES

### BAL RAPIDSET



A rapid-setting, water and frost-resistant cementitious tile adhesive for wall and floor applications. Suitable for fixing fully vitrified and porcelain tiles to most backgrounds/bases. The product properties can be improved with the addition of BAL Admix AD1. Available in 22.5kg, 20kg, 10kg & 5kg bags. BS EN12004 C2FT Adhesive.

- Rapid-setting
- Interior/exterior
- Non-slip
- Grey & White

### BAL RAPIDSET FLEXIBLE



A rapid setting, flexible cementitious tile adhesive suitable for wall and floor applications. Suitable for fixing fully vitrified and porcelain tiles to most backgrounds. Available in grey & white, in 20kg & 10kg (grey only) bags. BS EN12004 C2FT Adhesive.

- Rapid-setting
- Non-slip
- Flexible
- Interior/exterior

### BAL SINGLE PART FLEXIBLE



A flexible cementitious tile adhesive suitable for wall and floor applications. Suitable for fixing fully vitrified and porcelain tiles to most backgrounds. Available in grey & white in 20kg & 10kg (white only) bags. BS EN 12004 C2T Adhesive.

- Flexible
- Interior/exterior
- Non-slip

### BAL GOLD STAR



A grey cementitious tile adhesive for wall and floor applications. Suitable for fixing fully vitrified and porcelain tiles to most backgrounds/bases. Extended working time. The product properties can be improved with the addition of BAL Admix AD1. Available in 20kg, 10kg & 5kg bags. BS EN 12004 C2T Adhesive.

- Non-slip
- Interior/exterior
- Water/frost resistant

### BAL CTF 3



A white cementitious tile adhesive for wall and floor applications. Extended working time. The product properties can be improved with the addition of BAL Admix AD1. Available in 20kg & 10kg bags. BS EN 12004 C1T Adhesive.

- Non-slip
- Interior/exterior
- Water/frost resistant

## WALL & FLOOR TILE ADHESIVES

### BAL MOSAIC-FIX



A bright white, water and frost-resistant cementitious wall and floor tile adhesive specially formulated for fixing mosaic tiles including glass mosaics. Suitable for use in swimming pools. Available in 20kg, 10kg & 5kg bags. BS EN12004 C2TS1 Adhesive.

- Suitable for most surfaces including MDF in internal dry areas
- Non-slip
- Interior/exterior

### BAL POURABLE THICK BED



A grey, rapid-setting, pourable thick bed adhesive suitable for fixing large format floor tiles and floor tiles with profiled backs without the need to back-butter. The product properties can be improved with the addition of BAL Admix AD1. Available in 20kg bags. BS EN 12004 C1F Adhesive.

- Rapid-setting
- Interior/exterior
- Water/frost resistant

### BAL PTB FLEXIBLE



A flexible, rapid-setting, pourable thick bed adhesive suitable for fixing large format floor tiles and floor tiles with profiled backs without the need to back-butter. Suitable for fixing fully vitrified and porcelain tiles to most bases. Available in Grey & White, in 20kg bags. BS EN 12004 C2F Adhesive.

- Rapid-setting
- Interior/exterior
- Flexible

### BAL FLEX



A grey 2 part adhesive suitable for wall and floor tiling applications. Suitable for fixing ceramic wall tiles, mosaics and dark natural stone, including fully vitrified and porcelain tiles, to most backgrounds. Powder available in 8.5 kg bags, liquid in 5L bottles. BS EN 12004 C1TS2 Adhesive.

- Highly flexible
- Interior/exterior
- Non-slip

### BAL GLASS BLOCK ADHESIVE MORTAR



A white mortar to be used in the construction of glass block walls. Especially suitable for domestic and communal showers. Available in 25kg bags.

- Easy to use
- Interior/exterior
- Water/frost-resistant

## WALL & FLOOR TILE ADHESIVES

### BAL ACOUSTI BOND



A specially formulated ceramic floor tile adhesive designed to improve the sound reduction properties of a tiled floor. If used in conjunction with approved matting systems it will achieve the performance requirements of Part E of the Building Regulations 2000 - Resistance to the passage of sound. Available in 7.5kg bags. BS EN 12004 C1FS2 Adhesive.

- Waterproof
- Highly flexible
- Sound reduction properties

### BAL FASTFLEX



A highly flexible, rapid-setting, 2 part adhesive suitable for floor tiling applications. Suitable for fixing fully vitrified and porcelain tiles to most bases. Ideal for fixing directly onto wooden floorboards. Powder available in Grey & White, in 7.5kg bags, liquid in 5L bottles. BS EN 12004 C1FS2 Adhesive.

- Rapid-setting
- Non-slip
- Highly flexible
- Interior/exterior

### BAL GREEN SCREED ADHESIVE



A grey, highly flexible, water and frost-resistant tile adhesive for floor tiling applications. Suitable for fixing fully vitrified and porcelain tiles. Ideal for fast track installation on newly laid screeds or concrete. Available in 20kg bags. BS EN 12004 C1ES1 Adhesive.

- 7 days cure time for new concrete and 24 hours for new screeds
- Accommodates background shrinkage
- Interior/exterior use

### BAL MOTOBOND



Specially designed for use in motor showrooms, formulated to withstand heavy loading and trafficking. Suitable for use with large format tiles onto most standard bases. Available in grey, packed in 25kg bags. BS EN 12004 C2F Adhesive.

- Rapid-setting
- Interior/exterior
- High bond strength

### BAL ADMIX AD1



Use with BAL Rapidset, Goldstar, CTF 3 and Pourable Thick Bed adhesives to improve their physical properties and performance. Available in 3.5L & 2.5L bottles.

- Improves adhesion
- Reduces water permeability
- Imparts durability

## NARROW JOINT GROUTS

### BAL SUPERGROUT



A ready mixed, waterproof ceramic wall tile grout for use in showers, bathrooms and kitchens. Available in white & ivory, packed in 5kg (white only) and 1.5kg buckets.

- Waterproof
- Interior use
- Suitable for glazed wall tiles and mosaics

### BAL GROUT



A fine, cementitious wall tile grout designed for grouting glazed wall tiles and mosaics. The product properties can be enhanced by the addition of BAL ADMIX GT1. Available in white, ivory and grey. Packed in 20kg, 10kg, 3.5kg, 1.5kg & 0.5kg bags. BS EN 13888 CG1 Grout.

- Water/frost-resistant
- Suitable for swimming pools
- Interior use

### BAL SUPERFLEX WALL GROUT



A brilliant white, water and frost-resistant cementitious wall tile grout with built-in admixture to give increased flexibility and high bond strength. Suitable for grouting porcelain, marble, natural stone, glass and ceramic mosaics, glazed and fully vitrified tiles. Available in white & ivory packed in 10kg & 3.5kg bags. BS EN 13888 CG2 Grout.

- Built-in flexibility
- Interior/exterior use
- High bond strength
- Suitable for power showers and swimming pools

### BAL MICROFLEX WALL GROUT



A white cementitious wall tile grout with built-in Microban® antibacterial protection to inhibit the growth of bacteria and black mould. Ideal for bathrooms, showers and food consumption areas. Available in white, packed in 10kg & 3.5kg bags. BS EN 13888 CG2 Grout.

- Continuous protection against bacteria and black mould
- Stain resistant
- Built-in flexibility

### BAL MICROCOLOUR WALL GROUT



A fast setting, efflorescence free, water and frost resistant cementitious grout with water repellent properties and built in Microban® antibacterial protection to inhibit the growth of bacteria and black mould. Suitable for use with ceramic tiles, porcelain, marble, natural stone, glass and fully vitrified tiles with joint widths from 1-7mm in interior and exterior locations including power showers. Available in 2.5kg and 10kg. BS EN 13888 CG2F Grout.

- Sets in 5 hours
- Water repellent
- 12 colours available
- Anti-bacterial

## WIDE JOINT GROUTS

### BAL WIDE JOINT GROUT



A cementitious grout designed for grouting ceramic floor tiles, ceramic mosaics and quarries. Available in white, ivory, grey, charcoal & sandstone. Packed in 10kg & 3.5kg bags. BS EN 13888 CG1 Grout.

- Water/frost-resistant
- Suitable for wet and dry conditions
- Interior/exterior use
- Floors/walls
- Suitable for swimming pools

### BAL SUPERFLEX WIDE JOINT GROUT



A highly flexible cementitious powder grout with built-in admixture to give increased flexibility and high bond strength. Suitable for grouting fully vitrified/porcelain tiles. Ideal for grouting limited movement areas such as timber floors or heated screeds. Available in white, ivory, grey, charcoal, sandstone & limestone. Packed in 10kg & 3.5kg bags. BS EN 13888 CG2 Grout.

- Flexible
- Interior/exterior use
- Floors/walls
- Suitable for swimming pools

### BAL MICROFLEX WIDE JOINT GROUT



A grey cementitious grout with built-in Microban® antibacterial protection to inhibit the growth of bacteria and black mould. Ideal for bathrooms, showers and food consumption areas. Available in 10kg & 3.5kg bags. BS EN 13888 CG2 Grout.

- Continuous protection against bacteria and black mould
- Stain resistant
- Built-in flexibility

### BAL MICROCOLOUR WIDE JOINT GROUT



A fast setting, efflorescence free, water and frost resistant cementitious grout with water repellent properties and built in Microban® antibacterial protection to inhibit the growth of bacteria and black mould. Suitable for use with ceramic tiles, porcelain, marble, natural stone, glass and fully vitrified tiles with joint widths from 2-20mm in interior and exterior locations including power showers. The addition of GT1 makes this product suitable for use with underfloor heating. Available in 2.5kg and 10kg. BS EN 13888 CG2F Grout.

- Sets in 5 hours
- Water repellent
- 12 colours available
- Anti-bacterial

### BAL ADMIX GT1



Use with BAL cementitious grouts to improve their physical properties and characteristics. Available in 2.5L & 1.5L bottles.

- Increased mechanical strength
- Increased flexural strength and flexibility
- Reduced water permeability
- Increased durability

## EPOXY GROUT & SEALANTS

### BAL EASYPOXY



A waterproof 2 part epoxy grout formulated to resist chemical attack and to provide a durable, abrasion-resistant finish. Also suitable as a high performance epoxy adhesive for fixing ceramic tiles, on walls, floors, and worktops. Available in black, white, ivory & grey. Packed in 5kg, 2kg & 1kg buckets. BS EN 13888 RG1 Grout.

- Waterproof
- Hygienic
- Easy to use

### BAL FLOOR EPOXY



A waterproof 3 part epoxy floor tile grout formulated to resist chemical attack, abrasion and impact. Also suitable as a high performance epoxy adhesive for fixing ceramic tiles on walls, floors, and worktops. Available in grey. Packed in 10kg buckets (2x5kg units). BS EN 13888 RG1 Grout.

- Waterproof
- Hygienic
- Hard wearing

### BAL EPOXY LV



A grey, high quality, flowable, 3 part epoxy grout formulated to provide hygienic, chemically resistant, watertight joints between ceramic floor tiles. Ideal for large installations where its ease of use, speed of application and clean-off provide significant time savings. Also suitable as a high performance epoxy adhesive for fixing ceramic tiles. Available in 10kg buckets. BS EN 13888 RG1 Grout.

- Flowable
- Waterproof
- Hygienic
- Ideal for large installations

### BAL SILICONE SEALANT



A silicone sealant for use in movement joints and as a general sealant within domestic/light commercial wall and floor tiling applications. Bonds to glass, ceramic, porcelain and acrylic/fibreglass. Available in white, cream & transparent, in 310ml cartridges.

- Waterproof
- Flexible

### BAL MICROSEAL SILICONE SEALANT



A high-performance silicone sealant with Microban® antibacterial protection. Ideal for use in hygiene critical areas, sterile units, bathrooms and showers. Available in white & grey, in 310ml cartridges.

- Continuous built-in protection against bacteria and black mould
- Waterproof
- Does not taint food

## TILE CARE PRODUCTS

### BAL HEAVY DUTY TILE CLEANER



A powerful, acid based gel cleaner for ceramic tiled floors and walls. Designed for the removal of cement film residues, efflorescence and limescale. Available in 1L bottles.

- Fast-acting
- Removes limescale
- Easy to apply

### BAL IMPREGNATING TILE SEALER



A deep penetrating sealer for use on porous tiles such as terracotta to reduce water permeability of the surface. Available in 1L bottles.

- Water resistant
- Enhances colour
- Prevents staining
- Matt finish

### BAL WAX & POLISH REMOVER



A concentrated alkaline cleaner for the removal of old polish, wax residues, dirt, oils and grease from tiled floor surfaces. Available in 1L bottles.

- Stain remover
- Fast-acting
- Dissolves grease

### BAL FLOOR TILE POLISH



A tile polish which enriches the appearance of floor finishes by leaving a matt, satin polish. For occasional use. Available in 1L bottles.

- Matt, satin finish
- Protects tiles
- Stain resistant
- Enhances colour

### BAL PROTECTIVE SEALER



A water-based sealer formulated to provide a temporary, protective coating to ceramic tile/mosaic surfaces during the grouting process. Suitable for use with all BAL grouting products. Available in 2.5L bottles.

- Protects tiles during grouting
- Protects against grout staining
- Cleans off after grouting

## TILE CARE PRODUCTS

### BAL FLOOR TILE CLEAN & WAX



A concentrated cleaner that cleans and protects tiled surfaces by leaving a dirt repellent surface. Available in 1L bottles.

- Cleans and protects
- Repels dirt
- Enhances colour
- Rejuvenates polished tiles

### BAL EPOXY RESIDUE REMOVER



A non-hazardous biodegradable formula for the quick and effective removal of cured epoxy residues from tiles. Available in 1L bottles.

- Removes cured grout
- Quick and effective
- Easy to apply
- Non-hazardous formula

### BAL MICROREVIVE



A white wall grout reviver with Microban® antibacterial protection. It renews the appearance of existing grout. Interior use. Available in 500g pots.

- Continuous built-in protection against bacteria and black mould
- Water/stain-resistant
- Easy to apply

### BAL MICROSHIELD WALL TILE CLEANER



A fast-acting tile cleaner with Microban® antibacterial protection to inhibit the growth of bacteria and black mould. Available in 750ml spray bottles.

- Continuous built-in protection against bacteria and black mould
- Removes dirt, grease and stains
- Non-smear, fast acting formula

### BAL MICROSHIELD WALL TILE CLEANER



A concentrated floor tile cleaner with Microban® antibacterial performance to inhibit the growth of bacteria and black mould. Available in 5L bottles.

- Continuous built-in protection against bacteria and black mould
- Removes dirt, grease and stains
- Non-smear, fast acting formula

## COLOUR CHART



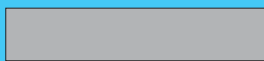
# MICROCOLOUR WALL TILE & WIDE JOINT GROUTS



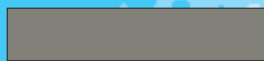
**Brilliant White**



**Ebony**



**Gunmetal**



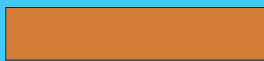
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**Scarlet**



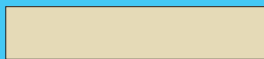
**Emerald**



**Saffron**



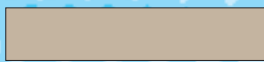
**Denim**



**Champagne**



**Straw**



**Pebble**



**Chocolate**

All colours shown are available in Microcolour Wall Tile & Wide Joint Grouts with Microban® Antibacterial Protection.

Every care has been taken to ensure true colour representation though printing limitations can cause colour variation.

For an actual colour match ask to see a BAL Microcolour Grout selector board.

## COLOUR CHART

### BAL STANDARD GROUTS



#### BAL GROUT WALL

WHITE  
IVORY  
GREY



#### BAL WIDE JOINT GROUT

WHITE  
IVORY  
LIMESTONE  
SANDSTONE  
GREY  
CHARCOAL



#### BAL SUPERFLEX WALL

WHITE  
IVORY



#### BAL SUPERFLEX WIDE JOINT

WHITE  
IVORY  
SANDSTONE  
LIMESTONE  
GREY  
CHARCOAL