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BAL3940216 FEBRUARY 2016

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product selection



**YOU + BAL:
Working in
partnership.**

**The professionals
guide to tiling
product selection.**

YOU +  BAL

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YOU



BAL

YOU+BAL puts you at the heart of a market-leading team. Become a BAL Partner today and instantly benefit from full support, innovative products and services that make life easier. Working together, everything you need to help your business grow.

Unrivalled BAL experience

You can also rely on BAL to support you with expert advice if ever you may need it.

No other brand can offer you the benefits of so much experience and expertise, including:

- Free training nationwide
- Free technical advice
- Free on-site consultancy
- Free specification service
- Free customer tools
- Free web based business tools

trust BAL to get it right

BAL is the UK's leading brand of adhesives, grouts and ancillary products for professional tile fixers. Whatever the tile material, whatever the tiling background, and whatever the function of the tiled environment, there is a BAL solution that you can completely trust for quality and lasting performance.

Helping product selection

This guide is your comprehensive aid for selecting the right products for each specific tiling task. It includes a handy reference to all BAL products, as well as reminders of various factors that professionals may need to consider in making their final selection.

For guidance and best practice advice on preparing tiling backgrounds, and using BAL products on-site, see our companion booklet

**BAL professional fixing guide
SITWORK GUIDANCE**



**Unique
25-year
guarantee**

Used correctly, BAL products won't let you down. That very reassuring fact is now fully confirmed via our unique 25-year product guarantee.

contents

SELECTION

Selection principles

Key considerations/ Classifications/Tile types	4-5
---	-----

Product selectors

Adhesives for WALL tiling	6-7
Adhesives for FLOOR tiling	8-9
Grouts for WALL & FLOOR tiling	10-11

Selection factors and guidance

Wall tiling weights/ Product flexibility	12-13
Admixtures	14
Primers	15

PRODUCT INFORMATION

Preparation

Floor levelling	16-17
Screeds/Render/Waterproofing	18-19
Primers/Sealers/Admixtures	20-21
Uncoupling system	22-23

Adhesives

Ready-mixed adhesives	24-25
Cementitious powdered adhesives	26-31

Grouts

Cementitious grouts	32-33
Microban® antimicrobial grouts	34-35
Epoxy grouts	36

Sealing/Tile care

Sealing/Temporary protection/ Tile care	37
--	----

COLOUR CHOICE

Coloured grouts for walls and floors	38-39
---	-------

PROFESSIONAL SUPPORT SERVICES

BAL Website	40
BAL Powerspec	41
BAL Training	42
BAL Technical Advisory Service	42
BAL Innovation and Technology Centre	43

key considerations

Selection priorities

The key factors that influence correct product selection are:

■ Background/base

- What is the substrate onto which tiles are to be fixed?
- Is it flat – or does it need levelling/smoothing?

■ Location

- Is it indoors or outdoors?
- Is it a domestic installation – or a public/communal place?
- Will it be a dry place, or intermittently wet – or regularly wet?

■ Service conditions

- What is the tiled area to be used for?
- Is there a power shower – or total immersion?
- Will it be subject to movement/vibration and/or heavy trafficking? *See page 13 for flexibility guide.*
- Are there any special service requirements applicable (EXAMPLES: extra hygiene/sterile conditions/protection from bacteria/chemical resistance)?

■ Tile type and size

- Are tiles porous – or fully-glazed/vitrified?
- Are they light-coloured/translucent or natural stone?
- Is the tile material vulnerable to staining by grouting?
- Are the tiles subject to water-staining?
- Are they large format tiles?
- What is the tile weight per m²? (Is the substrate able to carry that weight?) *See page 12 for wall tiling weight limits.*

Note: Adhesive may take longer to set fully on some substrates.

BAL tips

avoiding stains to preserve appearance

- *If the chosen tiles are vulnerable to water staining, select a fast-setting adhesive*
- *For light-coloured/translucent tiles or natural stone, select a rapid drying white adhesive*
- *To avoid unsightly stains on certain tile materials, use **BAL Protective Sealer** to provide temporary protection during grouting*



product classifications

BAL adhesives and grouts meet or exceed European standards according to classifications that define the type and properties of each product:

Adhesives

Under **BS EN 12004**: 2007+A1:2012

TYPE

- C** = Cementitious
- D** = Dispersion (ready-to-use)
- R** = Reaction resin (e.g. Epoxy)

CHARACTERISTICS

- F** = Fast-setting
- T** = Reduced slip
- E** = Extended open time

Also, under **BS EN 12002**:2008

- S1** = Deformable
- S2** = Highly deformable

Grouts

Under **BS EN 13888**:2009

- CG** = Cementitious grout
- RG** = Reaction resin grout
- W** = reduced water absorption
- A** = high abrasion resistance

In any adhesive or grout classification above:

- 1** = Normal characteristics
- 2** = Improved/additional characteristics

Cementitious Screeds/Compounds

Under **BS EN 13813:2002**

TYPE

- CT** = Cementitious screed

CHARACTERISTICS

- C** = Compressive strength
- F** = Flexural strength

In the above classifications the compressive and flexural strength number is the recorded measurement of N/mm after 28 days.

Example BAL Level Max CT- C25 - F7 whereby compressive strength is 25N/mm and flexural strength is 7N/mm after 28 days.

Tile types

Always check that the correct adhesive and grout are selected to suit the material of the tiles to be fixed.

In addition to information in this guide, packaging for all BAL adhesives and grouts clearly identifies for which tile types the product concerned is suitable.

Porcelain tiles are now an increasingly popular choice. As they absorb a negligible amount of moisture, to achieve adhesion strength and drying times, specially formulated products for fixing and grouting are required.



BAL products suitable for use with porcelain tiles are identifiable via the **Porcelbond Plus** mark.



PRODUCT SELECTION

wall tile adhesive selector *(guide only)*



LOCATION

Interior (dry)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior	-	-	-	-	<input checked="" type="checkbox"/>

ENVIRONMENTS

Intermittent wet*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power shower	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communal shower	-	-	<input type="checkbox"/>	-	<input type="checkbox"/>
Swimming pool	-	-	-	-	<input checked="" type="checkbox"/>
Minor vibration	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Limited movement	-	-	<input type="checkbox"/>	-	<input checked="" type="checkbox"/>

BACKGROUNDS

Lightweight block	-	-	-	-	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Render, Standard brick/block	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete, Dense brick/block	-	-	-	-	<input checked="" type="checkbox"/>
Plaster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plasterboard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tilebacker boards, Fibre reinforced cement boards	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Existing Tiles: glazed ceramics, Natural stone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Existing Tiles: unglazed ceramics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plywood walls	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lightweight Tilebacker boards	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

READY MIXED

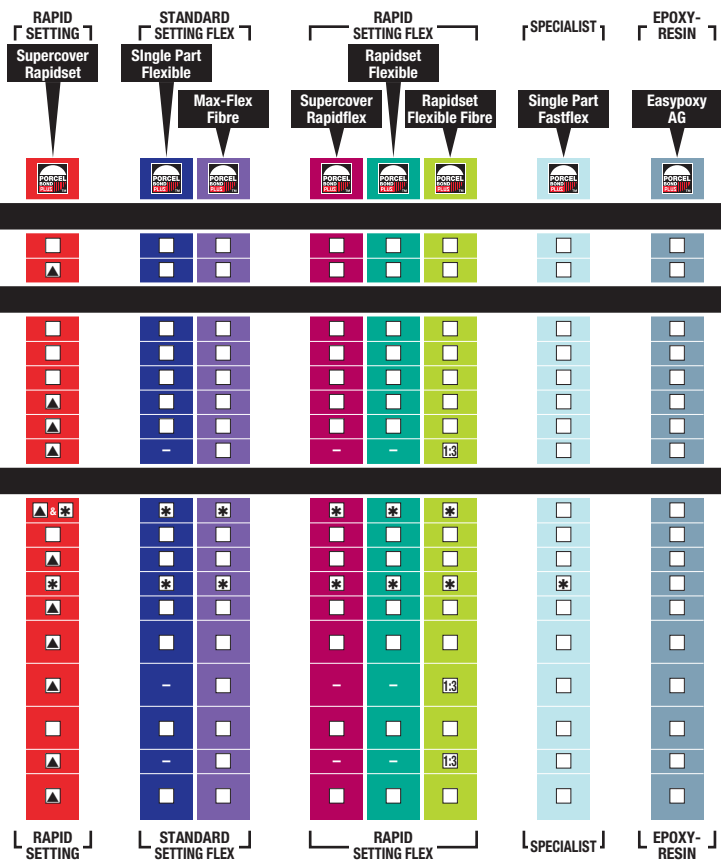
STANDARD SETTING

KEY

- = Suitable product
- = Use product with BAL Admix AD1* (1:1)
- = Use product with BAL Admix AD1* (1:3)
- = Use product with BAL Easyepoxy AG
- = Use product with BAL Prime APD
- = Longer drying time (min. 3 days)

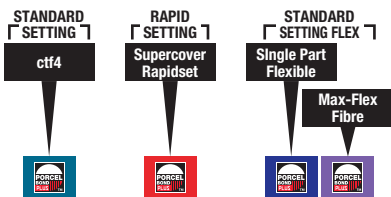
*Kitchen/Bathroom/Domestic shower

contact TAS for details)



PRODUCT SELECTION

floor tile adhesive selector *(guide only)*



LOCATION

Interior (dry)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ENVIRONMENTS

Intermittent wet*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communal shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swimming pool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minor vibration/Heavy use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited deflection	-	-	-	-

BASES

Cement:sand screed/ Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooring grade asphalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anhydrite screed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Underfloor heated screeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plywood overlay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tongue & groove floorboards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl tiles/sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete fibre boards	-	-	<input type="checkbox"/>	<input type="checkbox"/>
Uncoupling membrane** (such as BAL Rapid-Mat)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Existing tiles: glazed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Existing tiles: unglazed, Hard natural stone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[STANDARD]
SETTING

[RAPID]
SETTING

[STANDARD]
SETTING FLEX

KEY

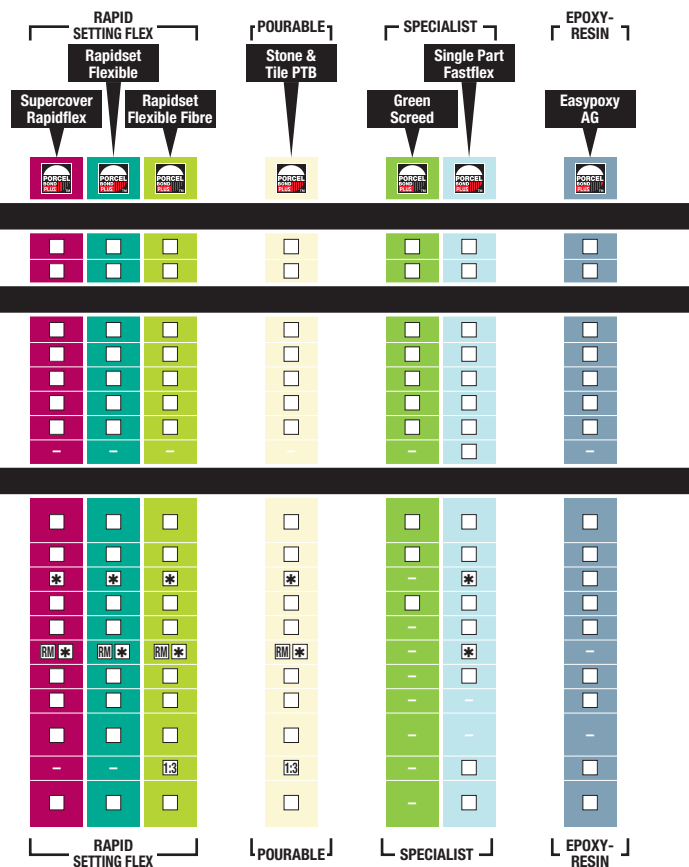
- = Suitable product
- = Use product with BAL Admix AD1* (1:1)
- = Use product with BAL Admix AD1* (1:3)
- = Use product with BAL Rapid-Mat
- = Use product with BAL Bond SBR
- = Use product with BAL Prime APD

*Kitchen/Bathroom/Domestic shower

**Can vary with matting system used.

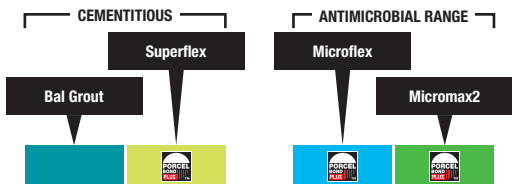
For guidance, contact BAL Technical Advisory Service

contact TAS for details)



PRODUCT SELECTION

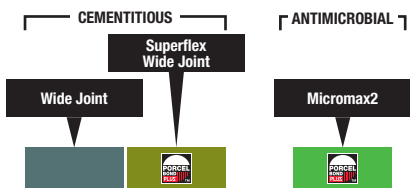
wall tile grout selector *(guide only, contact us for more information)*



LOCATION	Bal Grout	Superflex	Microflex	Micromax2
Interior (dry)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTS	Bal Grout	Superflex	Microflex	Micromax2
Intermittent wet*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power shower	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communal shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swimming pool	12	<input type="checkbox"/>	<input type="checkbox"/>	-
Minor vibration	▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited movement	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPECIFIC FEATURES	Bal Grout	Superflex	Microflex	Micromax2
Antibacterial	-	-	<input type="checkbox"/>	<input type="checkbox"/>
Hygienic/sterile – food use	-	-	-	-
Chemically resistant	-	-	-	-

*Kitchen/Bathroom

floor tile grout selector



LOCATION	Wide Joint	Superflex Wide Joint	Micromax2
Interior (dry)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior	12	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTS	Wide Joint	Superflex Wide Joint	Micromax2
Intermittent wet*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Domestic shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power shower	-	<input type="checkbox"/>	<input type="checkbox"/>
Communal shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swimming pool	12	<input type="checkbox"/>	-
Minor vibration/Heavy use	12	<input type="checkbox"/>	<input type="checkbox"/>
Limited deflection	▲	<input type="checkbox"/>	12
SPECIFIC FEATURES	Wide Joint	Superflex Wide Joint	Micromax2
Antibacterial	-	-	<input type="checkbox"/>
Hygienic/sterile – food use	-	-	-
Chemically resistant	-	-	-
Moderate trafficking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heavy trafficking	12	<input type="checkbox"/>	<input type="checkbox"/>

*Kitchen/Bathroom

(TAS for details)

EPOXY-RESIN

Easy epoxy AG



KEY

- = Suitable product
- = Use product with BAL Admix GT1* (1:1)
- = Use product with BAL Admix GT1* (1:2)

*Kitchen/Bathroom/Domestic shower –
Contact Technical Advisory Service

LOCATION

<input type="checkbox"/>	Interior (dry)
<input type="checkbox"/>	Exterior

ENVIRONMENTS

<input type="checkbox"/>	Intermittent wet*
<input type="checkbox"/>	Power shower
<input type="checkbox"/>	Communal shower
<input type="checkbox"/>	Swimming pool
<input type="checkbox"/>	Minor vibration
<input type="checkbox"/>	Limited movement

SPECIFIC FEATURES

-	Antibacterial
<input type="checkbox"/>	Hygienic/sterile – food use
<input type="checkbox"/>	Chemically resistant

EPOXY-RESIN

EPOXY-RESIN

Easy epoxy AG

Floor Epoxy



LOCATION

<input type="checkbox"/>	<input type="checkbox"/>	Interior (dry)
<input type="checkbox"/>	<input type="checkbox"/>	Exterior

ENVIRONMENTS

<input type="checkbox"/>	<input type="checkbox"/>	Intermittent wet*
<input type="checkbox"/>	<input type="checkbox"/>	Domestic shower
<input type="checkbox"/>	<input type="checkbox"/>	Power shower
<input type="checkbox"/>	<input type="checkbox"/>	Communal shower
<input type="checkbox"/>	<input type="checkbox"/>	Swimming pool
<input type="checkbox"/>	<input type="checkbox"/>	Minor vibration/Heavy use
<input type="checkbox"/>	<input type="checkbox"/>	Limited deflection

SPECIFIC FEATURES

-	-	Antibacterial
<input type="checkbox"/>	<input type="checkbox"/>	Hygienic/sterile – food use
<input type="checkbox"/>	<input type="checkbox"/>	Chemically resistant
<input type="checkbox"/>	<input type="checkbox"/>	Moderate trafficking
<input type="checkbox"/>	<input type="checkbox"/>	Heavy trafficking

EPOXY-RESIN

wall tiling weights

When tiling walls, it is vital to ensure that:

- The combined weight of tiles PLUS adhesive and grout is compatible with the tiling background
- The tiling background/substrate is rigid and stable
- The correct adhesive is selected

The table below gives general guidance on maximum recommended weights for tiling some common types of building board.

Typical weight equivalents

20kg/m²

- ceramic tiles up to 8mm thick (max.) or natural stone tiles up to 7mm thick (max.)

32kg/m²

- ceramic tiles up to 12.5mm thick (max.) or natural stone tiles up to 10mm thick (max.)

Remember to allow 2-4kg/m² for adhesive *in addition to* the declared tile weight per m².

Typical wall substrates: Maximum tiling weight guide

Wall substrates	Maximum weight [‡] of tiling per m ² (inclusive of adhesive & grout)
Gypsum plaster	20kg/m ²
Gypsum plasterboard direct (i.e. without a plaster skim)	32kg/m ²
Plywood (WBP)	Up to 30kg/m ²
Lightweight tile-backing boards*	Up to 60kg/m ² dependent upon type/thickness of board
Glass reinforced cement sheets*	Up to 50kg/m ² dependent upon type/thickness of board
Gypsum fibre boards*	Approx. 35- 40kg/m ²

* RECOMMENDATION: Seek further advice/guidance from the manufacturers for weight of tiling for their boards and the correct installation of these boards

flexibility

BAL ADHESIVES

<p>FLEXIBILITY</p>	+	single part fastflex	<i>Elastomeric – highly-flexible</i>		
	+ admix AD1	rapidset flexible fibre	<i>Addition of Admix AD1 gives extra flexibility</i>		
		stone & tile ptb			
		supercover rapidset			
		ctf4			
	Good flexibility as single part (with no admix)	max-flex fibre	<i>Good flexibility as single part (with no admix)</i>		
		rapidset flexible fibre			
		green screed adhesive			
		single part flexible			
		rapidset flexible			
		supercover rapidflex			
		stone & tile ptb			
		white star plus			
		For use on rigid substrates only		supercover rapidset	<i>For use on rigid substrates only</i>
				ctf4	
tile & grout					
blue star					
green star					
-					

BAL GROUTS

<p>FLEXIBILITY</p>	+	micromax2 grout	+ admix GT1	<i>Highly flexible when Admix GT1 added</i>
	wide joint grout			
	bal grout			
	Good flexibility as single part	micromax2 grout	<i>Good flexibility as single part</i>	
		microflex grout		
		superflex wide joint grout		
		superflex grout		
	Very limited flexibility when set	wide joint grout	<i>Very limited flexibility when set</i>	
		bal grout		
	-			

using admixtures

The physical properties and performance of certain **cement-based** adhesives and grouts can be improved by adding admixtures to the mix.

This may be to:

- increase flexural strength and flexibility: for backgrounds/bases subject to limited movement or vibration
- reduce water permeability: to give extra protection to water-sensitive backgrounds and minimise the risk of efflorescence

and

- (for adhesives) increase tensile and shear adhesion strength: essential for fixing glazed/vitrified and other tiles to dense, impervious surfaces
- (for grouts) increase mechanical strength: to provide greater adhesion and abrasion resistance

The diluted admixture should replace an equivalent volume of the required water in mixing the product.

For adhesives

BAL Admix AD1 @ 1:1 with water, may be added to:

- **ctf4**
- **Supercover Rapidset**

BAL Admix AD1 @ 1:3 with water, may be added to:

- **Rapidset Flexible Fibre**
- **Stone & Tile PTB**

For grouts

BAL Admix GT1 may be added to:

- **Bal Grout (1:2** with water)
- **Wide Joint Grout (1:2** with water)

For single layer timber floors

BAL Admix GT1 may be added to:

- **Wide Joint Grout (1:1** with water)
- **Micromax2 (1:2** with water)

BAL tips

grouting in more demanding situations

- *If using these products for grouting in especially demanding situations (EXAMPLE: tiling to single layer timber floors), **BAL Admix GT1** should be diluted as per above ratios.*

primer guide

Before tiling, certain wall and floor backgrounds/substrates require priming.

This may be to:

- reduce porosity of backgrounds/bases, and so prevent formation of air bubbles
- isolate surfaces containing calcium sulphate from cement-based adhesives, and so minimise risk of chemical reaction
- add surface strength to friable surfaces
- prepare surface for waterproofing/tanking, or for application of levelling compound

Key substrates/backgrounds to be primed using **BAL Prime APD**:

Note:

- Allow each coat of primer to dry between coats (second coat applied at 90° to the first).
- If using on floors, do NOT allow to form puddles.

TWO coats neat

- Gypsum plaster[§]
- Tongue-and-groove floorboards

ONE to TWO coats

- Lightweight blockwork

TWO coats

(1st coat diluted 1:1 with clean water, 2nd coat neat when using **BAL PRIME APD**)

(1st coat diluted 1:4 with clean water, 2nd coat diluted 1:2 when using **BAL BOND SBR**)

- Calcium sulphate screed
- Anhydrite screed

ONE coat

(diluted 1:1 with clean water)

- Gypsum plaster[§]

ONE coat

(if required i.e. surface is dusty/friable)

- Cement:sand render
- Concrete
- Cement:sand screed

Substrate/base recommended to be primed using **BAL Bond SBR**:

ONE coat neat

The following substrates may require priming on the face of the substrate/background that will receive tiles:

- Lightweight tile backer boards
- Calcium Silicate boards
- Fibre-reinforced cement sheets[#]
- Plywood/Chipboard[#]
- Plasterboard

§ If using cementitious adhesives

‡ If using ready-mixed dispersion adhesives

▼ **BAL Bond SBR** may be used instead as primer – diluted 1:2 with clean water if using **BAL cementitious** adhesives (or 1:4 if using **BAL ready-mixed dispersion** adhesives)

Apply ONE coat of neat **BAL Bond SBR** to the reverse side and edges

BAL tips

second coat priming

When TWO coats of primer are required, it's Good Practice to apply the second coat at 90° to the first coat – i.e. one coat horizontally, and one vertically. Always allow each coat to dry.

PREPARATION

Floor Levelling



- Bed depth up to 80mm
- Fibre-reinforced with built-in polymer
- Suitable for timber floors (can be applied at only min. 3mm thickness providing 3 times the coverage of most alternate products)
- Protein free formulation and pumpable
- Self-smoothing, shrinkage compensated with excellent flow

level max

Single-part fibre-reinforced self-smoothing compound

USE FOR:

- preparing floors for tiling, including timber floors
- substrates including underfloor heating
- dry – interior

MAY BE TILED AFTER: 4 hours (at any thickness up to 80mm)

COLOUR: Grey

CLASSIFICATION: BS EN 13813:2002 CT-C25-F7

TYPICAL COVERAGE (per pack):

with THICKNESS:	3mm
SIZE: 25kg	5m ²



- Bed depth feather edge to 10mm. Up to 20mm max. with addition of suitable aggregate
- For heavy-trafficked floors
- Fast-hardening: sets in 3 hours

acrybase

Two-part Self-smoothing Compound

USE FOR:

- preparing floors for tiling
- most substrates
- dry/wet – interior/exterior

MAY BE TILED AFTER: 4 hours

COLOUR: Grey

CLASSIFICATION: BS EN 13813:2002 CT-C35-F10

TYPICAL COVERAGE (per pack):

with THICKNESS:	3mm
SIZE: 23.5kg	5.0m ²
	+ 5 litre liquid



Level Max

**High performance,
minimal effort –
the new all-in-one
leveller with FST.**

MAX BED DEPTH

Up to 80mm

MAX FLEXIBILITY

Fibre Strand Technology
Suitable for timber floors

MAX WORKABILITY

Working time 30 mins
Tile after only 4 hours



**The ultimate leveller
& easy on the pocket!**

The all-in-one leveller, find out more:

bal-adhesives.com



@BALtilling

PREPARATION

Screeds/Render/Waterproofing



- Polymer-modified cement/sand mix
- Pre-blended
- Rapid-setting: sets in 2 hours

quickset render

Preparation Render for Walls

USE FOR:

- most substrates
- dry/wet – interior/exterior

MAY BE TILED AFTER: 2 hours

COLOUR: Grey

TYPICAL COVERAGE (per pack):

with THICKNESS:		3mm
SIZE:	25kg	5.3m ²



- New improved formulation
- Low shrinkage with rapid strength development (80% less shrinkage than Ordinary Portland Cement screed)
- Pumpable for quick installation
- Can be used with underfloor heating systems
- Suitable for areas of total immersion (i.e. swimming pools)
- Water/frost resistant
- Increased working time of 60 minutes (at 20°C)

quickset cement

For use in Screeds and Render Mortars

USE FOR:

- screeding or rendering to prepare wall and floor surfaces prior to installing most tile types
- dry/wet – interiors/exteriors
- fast-setting: accepts foot traffic in 3 hours

MAY BE TILED AFTER:

- 4 hours (on bonded screeds)
- 48 hours (on un-bonded or floating screeds)

COLOUR: Grey

CLASSIFICATION: BS EN 13813:2002 CT-C40-F7

TYPICAL COVERAGE (per pack):

	SCREED (at 50mm thickness)			RENDER (at 10mm thickness)
cement:sand ratio	1:4	1:5	1:7	1:4
SIZE: 20kg	1.0m ²	1.1m ²	1.5m ²	5.6m ²

or 20m² if used for SLURRY BONDING COAT mixed with sand by weight and BAL BOND SBR diluted 1:1 with water

PREPARATION

Screeds/Render/Waterproofing

tank-it

The Complete Rapid-setting Waterproofing Kit

USE FOR:

- wet – interior and external
- power showers, wet rooms, laundry/utility rooms, swimming pools, hydrotherapy and spa pools, fountains, water features, terrace and balconies

MAY BE TILED AFTER: 90 minutes

COLOUR: Dark Grey

CLASSIFICATION: Exceeds the requirements for BS EN 14891: 2012

TYPICAL COVERAGE (per pack):

with THICKNESS:	1mm
SIZE:	5kg/5ltr 7.0m ²

waterproofing kit

The Complete Waterproofing Kit

USE FOR:

- wet – interior
- showers, wet rooms, laundry/utility rooms
- around drainage channels, upstands, pipes and floor wastes
- industrial, commercial and domestic

MAY BE TILED AFTER: 24 hours minimum

NOTE: Not suitable for exterior use or total immersion

TYPICAL COVERAGE (per pack):

SIZE:	5kg	2.7m ² – 3.15m ²
--------------	-----	--

Sufficient for 1 domestic shower unit

Wp1 coating

Waterproof System for Walls & Floors

USE FOR:

- flexible, seamless waterproofing before tiling
- most substrates
- dry/wet – interior
- showers, bathrooms, kitchens, laundry/utility rooms
- around drainage channels, upstands, pipes and floor wastes

MAY BE TILED AFTER: 24 hours minimum

COLOUR: Grey

TYPICAL COVERAGE (per pack):

with THICKNESS:	1mm
SIZE:	8kg 4.8m ² – 5.6m ²



- Simple, easy to apply two-part mix
- Total waterproof protection
- Rapid-setting; allows tiling in 90 minutes
- Applied on both walls and floors
- Ideal for internal and external areas



- Flexible
- Waterproof/seamless: sets in 24 hours
- Supports maximum weight of 32kg/m² on walls



- Flexible
- Waterproof/seamless: sets in 24 hours
- Supports maximum weight of 32kg/m² on walls

PREPARATION

Primers/Sealers/Admixtures



- Stabilises dusty tiling substrates
- Reduces background porosity

prime APD

Acrylic Primer for Walls & Floors

USE FOR:

- preparing floor and wall backgrounds prior to fixing of ceramic/mosaic and natural stone tiles
- dry/wet – interior/exterior

USE UNDILUTED ON:

- plaster walls when using a BAL cementitious powder adhesive
- tongue & groove floorboards

USE DILUTED 1:1 with clean water on:

- dusty/porous plaster walls when using a BAL ready-mixed adhesive
- cement: sand screed/concrete floors
- anhydrite/calcium sulfite screeds. 2 coats.
1st coat 1:1 with clean water. 2nd coat undiluted.

MAY BE TILED AFTER: 30 minutes

TYPICAL COVERAGE (per pack):

		UNDILUTED	DILUTED 1:1 WITH CLEAN WATER
SIZE:	2.5L	12.5-25m ²	25-50m ²



- Priming of plaster/screed/timber/ vinyl surfaces
- Admixture for screeding/rendering mortars
- Promoting increased bond strength/waterproofing/performance properties

bond SBR

Multi-purpose Bonding & Priming Agent for Walls & Floors

USE FOR:

- enhancing the physical properties/performance of mortars including adhesion, durability, flexibility, waterproofing and workability
- dry/wet – interior/exterior

TYPICAL COVERAGE (per pack):

AS BONDING AID/ADMIXTURE			
SIZES:		1L	5L
Plastering (12mm bed):		5m ²	25m ²
Rendering (12mm thick):		1.5m ²	7.5m ²
Screeding (50mm thick):		0.25m ²	1.25m ²
@10 LITRES PER 50KG OPC			
AS PRIMER			
SIZES:		1L	5L
Undiluted:		12m ²	60m ²
Diluted 1:4 clean water:		60m ²	300m ²
Diluted 1:2 clean water:		36m ²	180m ²
AS SLURRY COAT			
SIZES:		1L	5L
Portland cement (1mm thick):		3m ²	15m ²

PREPARATION

Primers/Sealers/Admixtures

admix AD1

Admixture for Wall & Floor Adhesives

USE FOR:

- improving physical properties/performance of some BAL cementitious powder adhesives including:
**BAL CTF4/BAL Supercover Rapidset/
BAL Stone & Tile PTB*/
BAL Rapidset Flexible Fibre***
- dry/wet – interior/exterior

TYPICAL COVERAGE (per pack):

DILUTED 1:1 WITH CLEAN WATER	
SIZES: 3.5L	21-29kg of BAL cementitious powder adhesive
2.5L	14-21kg of BAL cementitious powder adhesive

*BAL Stone & Tile PTB diluted 1:3 with clean water

*BAL Rapidset Flexible Fibre diluted 1:3 with clean water



- Improves adhesion and flexibility
- Suitable for use with porcelain tiles

admix GT1

Admixture for Wall and Floor Grouts

USE FOR:

- improving physical properties/performance of some BAL cementitious powder grouts including:
**BAL Grout/BAL Wide Joint Grout/
BAL Micromax2***
- dry/wet – interior/exterior

TYPICAL COVERAGE (per pack):

DILUTED 1:1 WITH WATER	
SIZES: 2.5L	19-25kg of BAL Wide Joint Grout
1L	8-10kg of BAL Wide Joint Grout
DILUTED 1:2 WITH WATER	
SIZES: 2.5L	30-37kg of BAL cementitious powder grout
1L	12-15kg of BAL cementitious powder grout

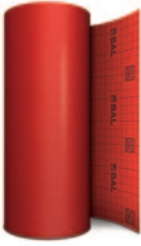
*BAL Micromax2 diluted 1:2 with clean water



- Improves grout flexibility
- Suitable for use with porcelain tiles

PREPARATION

Uncoupling system



- Uses over 20% less adhesive than matting systems with cavities
- Highly engineered, lightweight matting for ease of use
- Minimal loss of loading capacity making it suitable for medium/heavy duty commercial projects as well as domestic projects

rapid-mat

Uncoupling matting for fast track tiling onto problematic floors

USE FOR:

- protecting floor tiling against cracks, fractures and other damage caused by stresses and lateral movement in the substrate
- suitable for most problematic floor substrates including timber floors, new screeds and floors with under-tile heating systems
- suitable for most tile types including mosaics

MAY BE TILED: immediately

TYPICAL COVERAGE (per pack):

30m² (1m x 30m)

Always refer to Technical Data Sheet for full product information

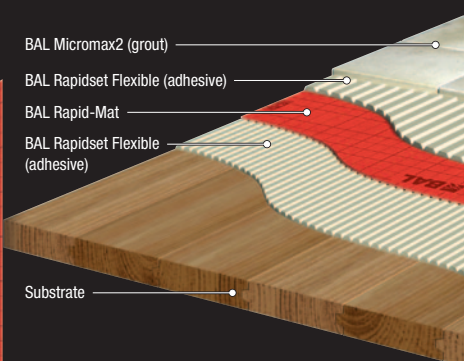
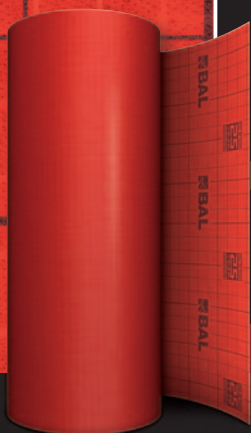
BAL Rapid-Mat

Laying down a new benchmark.



'Best Innovation 2015'

Selected by an independent panel of industry experts.



Uses 20% less adhesive
Easier, faster installation

Uses 20% less adhesive when compared to using cavity mat systems.



bal-adhesives.com

ADHESIVES

Ready-mixed wall adhesives



- Excellent non-slip
- High bond strength
- Easy to apply
- Extended open time

green star

Tile Adhesive for Walls

USE FOR:

- ceramics/mosaics/some natural stone
- dry/intermittent wet – interior

GROUT AFTER: 24 hours

COLOUR: White

CLASSIFICATION: BS EN 12004 D1TE

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL
SIZES: 15kg	6.0m ²	5.0m ²



- Excellent non-slip
- High bond strength
- Easy to apply

blue star

Tile Adhesive for Walls

USE FOR:

- ceramics/mosaics/some natural stone
- dry/intermittent wet – interior
- domestic/commercial

GROUT AFTER: 24 hours

COLOUR: White

CLASSIFICATION: BS EN 12004 D1TE

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL
SIZES: 10L	6.6m ²	5.0m ²
5L	3.3m ²	2.5m ²
1L	0.66m ²	0.5m ²

ADHESIVES

Ready-mixed wall adhesives

white star plus

Highly Flexible
Tile Adhesive for Walls



USE FOR:

- ceramics/mosaics/natural stone
- some porcelain tiles (up to 150x150mm)
- dry/wet – interior
- domestic/commercial – including communal showers/commercial kitchens

GROUT AFTER: 24 hours

COLOUR: White

CLASSIFICATION: BS EN 12004 D2TE

TYPICAL COVERAGE (per pack):

		DRY WALL	WET WALL
SIZES:	10L	6.6m ²	5.0m ²
	5L	3.33m ²	2.5m ²
	2.5L	1.66m ²	1.25m ²



- Fibre Strand Technology for maximum performance
- Highly flexible
- Highly water-resistant
- Excellent non-slip
- High bond strength
- Light-weight rheology for easier and faster application
- Enhanced white colour
- Use with some porcelain tiles
- Extended open time

tile & grout

Highly Flexible Tile Adhesive for Walls and Grout

USE FOR:

- ceramics/mosaics/some natural stone
- dry/wet – interior
- most interior domestic walls (commercial walls as adhesive only)

GROUT AFTER: 24 hours OF ADHESIVE APPLICATION

COLOUR: White

CLASSIFICATION: BS EN 12004 D2T

TYPICAL COVERAGE (per pack):

SIZES:	AS ADHESIVE		AS GROUT
	DRY WALL	WET WALL	(200x200x8mm tiles and 3mm joints)
10L	7.69m ²	3.84m ²	26.9m ²
5L	3.84m ²	1.92m ²	16.6m ²
2.5L	1.92m ²	0.96m ²	8.3m ²



- Highly water-resistant adhesive
- High bond strength
- Can be used as a grout in domestic environments

ADHESIVES

Cementitious powdered wall & floor adhesives – Standard-setting



- Non-slip
- Good bond strength
- Extended open time
- Suitable for swimming pools/showers
- Slow setting – grout after 16 hours
- Add **BAL Admix AD1** to enable extra applications

ctf4

Tile Adhesive for Walls & Floors

USE FOR:

- most tile types, including porcelain
- suitable for most rigid substrates/backgrounds
- dry/wet – interior/exterior
- including showers/swimming pools

POT LIFE at 20°C: 5 hours

GROUT AFTER: 16 hours

COLOUR: White

CLASSIFICATION: BS EN 12004 C2TE



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZES: 20kg	8.0m ²	6.6m ²	5.0m ²

ADHESIVES

Cementitious powdered wall & floor adhesives – Standard-setting

single part flexible

Flexible Tile Adhesive for Walls and Floors

USE FOR:

- most tile types, including porcelain
- suitable for most substrates/backgrounds, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including showers/swimming pools/ total immersion

POT LIFE AT 20°C: 5 hours

GROUT AFTER: 16 hours

COLOUR: Grey and White

CLASSIFICATION: BS EN 12004 C2TE



- Flexible
- Non-slip
- Excellent bond strength
- Installation subject to limited vibration, shrinkage, deflection and heated screeds

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZES: 20kg	10.0m ²	8.0m ²	5.3m ²

max-flex fibre

Highly Flexible Tile Adhesive for Walls & Floors

USE FOR:

- most tile types, including porcelain and glass
- suitable for most substrates/backgrounds, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including swimming pools

POT LIFE AT 20°C: 5 hours

GROUT AFTER: 16 hours

COLOUR: Grey (20kg only); White (20kg/5kg)

CLASSIFICATION: BS EN 12004 C2TES1



- Highly flexible
- Excellent non-slip and bond strength
- Water/frost resistant
- Super-smooth consistency for mix and application
- Extended open time

TYPICAL COVERAGE (per pack):

	DRY WALL		WET WALL	FLOOR
TROWEL TYPE:	<i>Mosaic</i>	<i>Round notched</i>		
SIZES: 20kg	12.5m ²	10.0m ²	8.0m ²	5.3m ²
5kg	3.1m ²	2.5m ²	2.0m ²	1.3m ²

ADHESIVES

Cementitious powdered wall & floor adhesives – Rapid-setting



- Goes 60% further (vs standard adhesive coverage)
- Easier application/workability
- Water/frost-resistant
- Excellent bond strength
- Add **BAL Admix AD1** for extra applications

supercover rapidset

High Yield, Rapid-setting
Tile Adhesive for Walls & Floors

USE FOR:

- most tile types, including porcelain
- suitable for most rigid substrates/backgrounds
- dry/wet – interior/exterior
- including showers

POT LIFE at 20°C: 45 minutes

GROUT AFTER: 2 hours

COLOUR: Grey

CLASSIFICATION: BS EN 12004 C1FS1



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZE: 15kg	9.6m ²	7.9m ²	6.0m ²



- Goes 60% further (vs standard adhesive coverage)
- Easier application/workability
- Flexible
- Highly water/frost-resistant
- Excellent bond strength

supercover rapidflex

High Yield, Flexible and
Rapid-setting Tile Adhesive
for Walls & Floors

USE FOR:

- most tile types, including porcelain
- suitable for most substrates/backgrounds, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including showers/swimming pools/total immersion

POT LIFE at 20°C: 45 minutes

GROUT AFTER: 3 hours

COLOURS: Grey and White

CLASSIFICATION: BS EN 12004 C1FTS1 (grey);
BS EN 12004 C1FT (white)



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZE: 15kg	12.0m ²	9.6m ²	6.4m ²

ADHESIVES

Cementitious powdered wall & floor adhesives – Rapid-setting

rapidset flexible

Flexible and Rapid-setting Tile Adhesive for Walls & Floors



USE FOR:

- most tile types, including porcelain and natural stone
- suitable for most substrates/backgrounds, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including showers/swimming pools/total immersion

POT LIFE AT 20°C: 45 minutes

GROUT AFTER: 3 hours

COLOUR: Grey

CLASSIFICATION: BS EN 12004 C2FT (white);

BS EN 12004 C2FTS1 (grey)

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZE: 20kg	10.0m ²	8.0m ²	5.3m ²



- Flexible
- Non-slip
- Excellent bond strength
- Highly water/frost-resistant
- Installation subject to limited vibration, shrinkage, deflection and heated screeds

rapidset flexible fibre

Highly Flexible and Rapid-setting Tile Adhesive for Walls & Floors with extended open & working times



USE FOR:

- most tile types, including porcelain, natural stone, rigid foam insulating materials and brick slips
- suitable for most substrates/backgrounds, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including showers/swimming pools/total immersion

POT LIFE AT 20°C: 60 minutes

GROUT AFTER: 3 hours

COLOURS: Grey and White

CLASSIFICATION: BS EN 12004 C2FE

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
SIZE: 20kg	10.0m ²	8.0m ²	5.3m ²



- 3 times longer open-time than most rapidsets; apply to larger areas to reduce installation time
- 2 times longer working-time than most rapidsets; allows larger mixes, and avoids waste Rapid-setting: grout after just 3 hours
- FST formulation: excellent flexibility and strength
- Ideal for use with large format, translucent stone and glass tiles
- Suitable for most installations subject to limited vibration, shrinkage, deflection and heated screeds
- Add **BAL Admix AD1** for extra applications

ADHESIVES

Cementitious powdered floor adhesives – Pourable



- Pourable
- High strength and flexibility
- Ideal for large format and natural stone tiles
- Water/frost-resistant
- Fast-setting: grout in 3 hours
- Add **BAL Admix AD1** for extra applications

stone & tile ptb

Flexible and Rapid-setting
Tile Adhesive for Floors



USE FOR:

- most large tile types, including porcelain and uneven surfaces
- suitable for most substrates, including those with limited movement/vibration and for underfloor heating
- dry/wet – interior/exterior
- including swimming pool bases/wet room floors

POT LIFE AT 20°C: 45 minutes

GROUT AFTER: 3 hours

COLOURS: Grey and White

CLASSIFICATION: BS EN 12004 C2F

TYPICAL COVERAGE (per pack):

with THICKNESS:	3mm
SIZE: 20kg	5.0m ²

ADHESIVES

Cementitious powdered adhesives – Specialist

green screed

Fast-Track Tile Adhesive for Floors

USE FOR:

- enhancing adhesion to low porosity substrates
- most tile types, including porcelain
- suitable for most substrates; particularly newly laid concrete or screeds
- dry/wet – interior/exterior
- including swimming pools/showers

POT LIFE AT 20°C: 5 hours

GROUT AFTER: 24 hours

COLOUR: Grey

CLASSIFICATION: BS EN 12004 C1S1



- Allows fast track installation (new concrete after 7 days/ new screed after 24 hours)
- Water/frost-resistant

TYPICAL COVERAGE (per pack):

with THICKNESS:	3mm
SIZE:	15kg 2.8m ²

single part fastflex

One-part Elastomeric Tile Adhesive for Walls & Floors

USE FOR:

- most tile types, including porcelain
- suitable for most substrates/backgrounds, including those with movement/vibration/ sound reduction and for underfloor heating
- dry/wet – interior/exterior

POT LIFE AT 20°C: 45 minutes

GROUT AFTER: 5 hours

COLOUR: Grey and White

CLASSIFICATION: BS EN 12004 C1S2



- Rubber-like flexibility
- Allows tiling direct on timber floors without uncoupling mats
- Allows tiling direct to steel
- Water/frost resistant
- Improves sound reduction properties of tiled floors (used with approved acoustic mat) to help achieve requirements of Building Regs Part E (resistance to sound)

TYPICAL COVERAGE (per pack):

TROWEL TYPE:	Thick bed solid bed	Large format	Solid bed tipped
SIZE:	12.5kg 6.5m ²	4.3m ²	5.7m ²

Now also available BAL Easyoxy AG

- Epoxy-resin adhesive and grout
- Also suitable for the adhesion of new microthin slate sheets, thin resin back tiles and glass.

See page 36 for full details.

GROUTS

Cementitious grouts



- Water/frost-resistant
- Add **BAL ADMIX GT1** to enable extra applications

bal grout

Tile Grout for Walls

JOINTS: up to 3mm

USE FOR:

- ceramics/mosaics
- dry/wet – interior/exterior
- including swimming pools/showers (NOT power showers)

POT LIFE AT 20°C: 60 minutes

SETS IN: 24 hours

COLOURS: White (all sizes); Ivory and Grey (3.5kg only)

CLASSIFICATION: BS EN 13888 CG1

TYPICAL COVERAGE (per pack):

TILE SIZES:	150x150x5.5mm	200x200x5.5mm
with JOINT WIDTH:	2mm	2mm
SIZES:	20kg	135.7m ²
	10kg	67.9m ²
	3.5kg	23.7m ²
	1.5kg	10.2m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications



- Water/frost-resistant
- Add **BAL Admix GT1** to enable extra applications

wide joint grout

Tile Grout for Walls & Floors

JOINTS: from 2mm – 12mm

USE FOR:

- ceramics/mosaics
- dry/wet – interior/exterior
- including swimming pools/showers (NOT power showers)

POT LIFE AT 20°C: 60 minutes

SETS IN: 24 hours

COLOURS: Grey (10kg/3.5kg), Ivory; Limestone and Sandstone (10kg only)

CLASSIFICATION: BS EN 13888 CG1

TYPICAL COVERAGE (per pack):

TILE SIZES:	300x300x9mm	200x200x9mm
with JOINT WIDTH:	3mm	3mm
SIZES:	10kg	21.6m ²
	3.5kg	7.6m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications

GROUTS

Cementitious grouts

superflex

Flexible Tile Grout for Walls*

JOINTS: up to 5mm

USE FOR:

- most tile types, including porcelain
- dry/wet – interior/exterior
- including swimming pools/power showers

POT LIFE AT 20°C: 60 minutes

SETS IN: 24 hours

COLOURS: White and Ivory

CLASSIFICATION: BS EN 13888 CG2WA



- Extra flexibility/ bond strength
- Water/frost-resistant

TYPICAL COVERAGE (per pack):

TILE SIZES:	150x150x5.5mm	200x200x5.5mm
with JOINT WIDTH:	2mm	2mm
SIZES: 10kg	47.9m ²	63.5m ²
3.5kg	16.8m ²	22.2m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications

*May be used on some floors depending on tile type, area and traffic. Please contact BAL Technical Advisory Service for more information on 01782 591120 or 0845 600 1222

superflex wide joint

Flexible Tile Grout for Walls & Floors

JOINTS: from 3mm – 20mm

USE FOR:

- most tile types, including porcelain
- dry/wet – interior/exterior
- including swimming pools/power showers

POT LIFE AT 20°C: 60 minutes

SETS IN: 24 hours

COLOURS: White; Grey; Ivory; Charcoal; Limestone and Sandstone (10kg/3.5kg)

CLASSIFICATION: BS EN 13888 CG2WA



- Extra flexibility/ bond strength
- Water/frost-resistant

TYPICAL COVERAGE (per pack):

TILE SIZES:	300x300x9mm	200x200x9mm
with JOINT WIDTH:	3mm	3mm
SIZES: 10kg	32.6m ²	21.9m ²
3.5kg	11.4m ²	7.7m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications

GROUTS

Microban® antimicrobial cementitious grouts



- Water/frost-resistant
- Built-in admixture for increased flexibility and high bond strength at edges of tiles/mosaics
- Contains Microban® antimicrobial protection: for extra hygiene

microflex

Flexible Tile Grout with Microban® for Walls*



JOINTS: up to 5mm

USE FOR:

- protecting against bacteria and black mould
- most tile types, including porcelain
- dry/wet – interior/exterior
- including power showers/swimming pools

(NOT food preparation/storage areas)

POT LIFE AT 20°C: 60 minutes

SETS IN: 24 hours

COLOURS: White and Ivory (10kg/3.5kg),
Ebony (3.5kg only)

CLASSIFICATION: BS EN 13888 CG1 CG2WA

TYPICAL COVERAGE (per pack):

TILE SIZES:	150x150x5.5mm	200x200x5.5mm
with JOINT WIDTH:	2mm	2mm
SIZES:	10kg	63.5m ²
	3.5kg	22.2m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications

*May be used on some floors depending on tile type, area and traffic. Please contact BAL Technical Advisory Service for more information on 01782 591120 or 0845 600 1222

GROUTS

Microban® antimicrobial cementitious grouts

micromax2

Rapid-setting,
Flexible Tile Grout with
Microban® for Walls & Floors



JOINTS: from 1mm – 20mm

USE FOR:

- most tile types, including porcelain
- dry/wet – interior/exterior
- including power showers/wet rooms
(NOT swimming pools or food preparation/storage areas)

POT LIFE AT 20°C: 30 minutes

SETS IN: 2-3 hours

COLOUR CHOICE: 10 (see below)

CLASSIFICATION: BS EN 12004 CG2WA

TYPICAL COVERAGE (per pack):

TILE SIZES:	300x300x9mm	200x200x9mm
with JOINT WIDTH:	3mm	3mm
SIZES: 10kg	35.5m ²	24.0m ²
5kg	17.7m ²	12.0m ²
2.5kg	8.9m ²	6.0m ²

NOTE: Water-resistant tile adhesive/tanking required for wet applications



- Super fine formulation
- Strong and flexible to avoid shrinkage, slumping or cracking
- Efflorescence-free/water-repellent
- Water/frost-resistant
- Contains Microban® antimicrobial protection: for extra hygiene

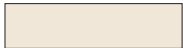
Micromax2 Grout is available in these 10 colours:



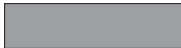
White



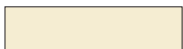
Ebony



Manilla



Smoke



Jasmine



Chocolate



Gunmetal



Cocoa



Pebble



Anthracite

Colours are shown above for guidance only.

For actual colour match, ask to see BAL grout swatches at your BAL stockist.

NOTE: Chocolate and Cocoa available in 2.5kg and 5kg only.



Matching colour sealants also available (see page 37)

GROUTS

Epoxy grouts



- Hygienic
- Highly chemical-resistant
- Hard-wearing: high resistance to abrasion/impact

floor epoxy

Hygienic Impervious Tile Grout for Floors



JOINTS: up to 20mm

USE FOR:

- most tile types – dry/wet – interior/exterior
- large installations including: supermarkets/ malls/ swimming pools/sports centres/ food preparation plants/hospitals/ industrial plants

POT LIFE AT 20°C: 60 minutes

CURES IN: 24 hours

COLOUR: Grey

CLASSIFICATION: BS EN 13888 RG

TYPICAL COVERAGE (per pack):

TILE SIZES:	200x200x9mm	300x300x9mm
with JOINT WIDTH:	3mm	3mm
SIZE: 10kg	22.7m ²	33.8m ²



- Waterproof, hygienic & chemical-resistant
- Suitable for heavy trafficked areas as both an adhesive and durable/abrasion-resistant grout
- Ideal for almost all applications/substrate and materials for both walls and floors
- Ideal for new thin resin backed stone tiles*

*Subject to testing by Building Adhesives Ltd.

easy epoxy ag

Hygienic Waterproof Tile Adhesive and Grout for Walls & Floors



USE FOR:

- most tile types (including new microthin slate sheets, thin resin back tiles and glass)
- dry/wet – interior/exterior
- ideal for fixing to most substrates/backgrounds including stainless steel, fibreglass and resin floors, including limited movement/vibration and underfloor heating
- suitable in nearly all environments including kitchens/worktops/food preparation/storage areas/showers/swimming pools/sport centres/hospitals/therapy pools/industrial plants/chemical plants/industrial areas/hydro therapy pools

POT LIFE AT 20°C: 35 minutes

GROUT AFTER: 24 hours

COLOUR: White

CLASSIFICATION: BS EN 12004 R2 (adhesive)

BS EN 13888 RG (grout)

TYPICAL COVERAGE (per pack):

AS ADHESIVE			
TROWEL TYPE:	<i>Mosaic</i>	<i>Mosaic</i>	<i>Mosaic</i>
	DRY WALL	WET WALL	FLOOR
SIZE: 5kg	3.3m ²	1.6m ²	1.1m ²
AS GROUT			
TILE SIZES:	150x150x6mm	300x300x9mm	
with JOINT WIDTH:	2mm	3mm	
SIZE: 5kg	21m ²	19m ²	

SEALING/TILE CARE

Silicone sealants & Temporary protection

silicone

Flexible ready-to-use Silicone Rubber Sealant

USE FOR:

- general purpose sealing, including movement joints
- most surface types
- dry/wet – interior/exterior
- sinks/worktops/baths/basins

NOTE: Not suitable for some natural stones

CURES IN: 24 hours (per 4mm thickness)

COLOURS: White, cream and transparent

CLASSIFICATION: BS EN 15651-3:2012 S

TYPICAL COVERAGE (per pack):

with BEAD SIZE:	6x6mm
SIZE:	310ml 8.8m

micromax sealant

Anti-Mould Silicone Sealant
for Walls & Floors



USE FOR:

- sealing movement joints
- protecting against bacteria and black mould
- most surface types, including acrylic/ceramic/fibreglass/glass/glazed/painted
- dry/wet – interior/exterior

NOTE: Not suitable for some natural stones

CURES IN: 24 hours (per 3mm thickness)

COLOURS: White, Jasmine, Chocolate, Cocoa, Ebony, Gunmetal, Manilla, Pebble, Smoke and Anthracite. (Colours match those within micromax2 grout range – see page 35 or 40)

CLASSIFICATION: BS EN 15651:3:2012 XS

TYPICAL COVERAGE (per pack):

with BEAD SIZE:	6x6mm
SIZE:	310ml 8.8m

protective sealer

Temporary Protection prior to Grouting

USE FOR:

- preventing discolouration of tile surfaces whilst grouting
- most tile types
- dry/wet – interior/exterior

TYPICAL COVERAGE (per pack):

TILE SIZES:	152x152x5.5mm
SIZE:	2.5L 25-37m ² (with 2 coat application)



- Flexible: ready-to-use
- Service temperature range: -50°C to +150°C
- Firm bonding



- Waterproof and weatherproof
- Excellent adhesion
- Service temperature range: -50°C to +200°C
- Contains Microban® antimicrobial protection: for extra hygiene
- Protects against bacteria and black mould



- Protects surface against discolouration when using pigmented grouts
- Simply wash off after grouting

COLOUR CHOICE

antimicrobial coloured grouts

Antimicrobial grouts for Walls and Floors

Micromax2 Grout is available in these 10 colours:



micromax2



White



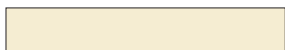
Ebony



Manilla



Smoke



Jasmine



Chocolate



Gunmetal



Cocoa



Pebble



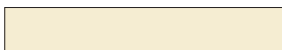
Anthracite

Microflex Grout is available in these 2 colours:

microflex



White



Ivory

Colours are shown above for guidance only.

For actual colour match, ask to see BAL grout swatches at your BAL stockist.

COLOUR CHOICE

standard coloured grouts

Standard grouts for Walls and Floors

Available colours for other BAL grouts vary according to product, as listed below: **Wide Joint Grout** is available in Ivory, Grey, Limestone and Sandstone, not in White and Charcoal* but **Superflex Wide Joint Grout** is available in all these colours:

wide joint & superflex WIDE JOINT



White*



Ivory



Grey



Charcoal*



Limestone



Sandstone

Available colours for other
BAL Grouts are:

Bal Grout White Ivory Grey

Easypoxy AG White Only

Floor Epoxy Grey Only

Superflex White Ivory

Colours are shown above for guidance only.
For actual colour match, ask to see BAL grout
swatch case at your BAL stockist.

BAL tips

reducing the risk of variation

The final colour of a grout can be affected by a number of factors.

When selecting products, remember that:

- there can be a slight difference between grout product batches
- the addition of **BAL Admix GT1** can intensify the colour

TIP To help minimise the risk of colour variation:

- *Use the same batch number wherever possible*
- *Plan for consistent mix ratio when adding admixture*

Other factors affecting grout colour concern site conditions and installation practice
(see **Professional Fixing Guide SITE GUIDANCE** for further **BAL TIPS**)

Web and Powerspec

BAL-Adhesives.com – information and advice at your fingertips

New and improved, www.bal-adhesives.com brings together the best of BAL on the web (including Tilerworld.com, tilers-demand.com and see-it-for-yourself.com) with exclusive features and benefits for tilers, contractors, specifiers, homeowners or trainees.

Log-in today for:

- Full information about BAL products and services
- Downloadable literature including Technical Data Sheets, Material Safety Data Sheets, tip sheets, products guides and case studies.
- Improved stockist locator – find branch directions, promotions, information
- Find a Trusted Tiler tool and review a tiler facility
- On-line technical advice
- Training guides and course information

Sector specific business development tools include:

Tilers

- Build your own web profile and showcase your work, experience and qualifications
- Generate homeowner leads and quote for work

Contractors

- Get M40 specification support
- Find an Apprentice with our unique tool

Specifiers

- Link to BAL BIM objects on the NBS National BIM Library
- Get FREE instant M40/M20 specs
- Request CPDs
- Get FREE tile sample testing

Homeowners

- Find a trusted tiler, review tiler work and get the chance to win back the cost of your tiling job!
- Get inspiration, tips and advice
- Access retail promotions

Trainees

- Exclusive training guides and development materials and access to connect with contractors to find apprenticeships.



Powerspec: on-line selection and specification

Selecting the right tile adhesive or grout for your next project is important – but it needn't be complex or time-consuming.

BAL Powerspec is designed for everyone who has to decide or advise which products are needed for a specific task: including Tile Fixers, Contractors, Architects, Specifiers and BAL Stockists.

It incorporates:

- Easy selection tool – always available with fast accurate information
- Latest technical, safety and product data
- Instant NBS M40 specifications

 **POWERSPEC**
www.powerspeconline.com



BAL training

BAL Training – Getting fully qualified

At BAL we believe that quality workmanship is just as important as high quality products, which is why training is at the top of our agenda. In 1992, we became the first tile adhesive manufacturer to open a

specialist training centre for standards and tile fixing techniques, while we enhanced our training offer with the opening of our state-of-the-art Innovation and Technology Centre at our Stoke-on-Trent HQ in 2015.

Training Courses tailored for you

Building on more than 20 years of training heritage, we offer a full range of day courses providing practical and theoretical training for fixers, apprentices, students, distributors and specifiers.

We offer a flexible approach to learning, from one-day to five-day courses, while you can also pick and choose your modules with our bespoke training option.

As well as in-house training, we also offer training on-site and at our regional centres, while we work extensively with colleges and retailers around the country supporting Diploma-level qualifications.

Our training courses are endorsed by The Tile Association (TTA) and the Construction Industry Training Board (CITB) and have been highly commended by the National Training Association (NTA).



National
Training Awards
2004
Highly Commended

Regional Training Centres

To make life easier for you we have a number of regional training centres to complement our Innovation and Technology Centre. Find your nearest centre and speak to us about our latest training courses by visiting www.bal-adhesives.com

To find out about our range of training courses, book a date, or speak to our training manager:

Email: training@bal-adhesives.com

Tel: **01782 591120/ 01782 591100**

Web: www.bal-adhesives.com

BAL Technical Advisory Service

The expertise behind the trusted BAL range of tiling adhesives and grouts is also always on hand to support professional fixers.

The **BAL Technical Advisory and Specification Service** handles approx 50,000 queries annually – providing FREE assistance, advice and specifications for all aspects of ceramic tiling installations.

In addition, a nationwide team of **BAL Product Support Technicians** are available to offer practical knowledge and on-site advice and training.

Call
0845 600 1222

(Calls to this number are charged at local rate)

Alternatively, fax your enquiry to
01782 591121

Innovation + Technology Centre



Innovation and Technology Centre

Opened in March 2015, **BAL's Innovation and Technology Centre (ITC)** leads the way in training and development in the tiling sector.

Designed to the highest specification, the ITC features interactive technology, a demonstration auditorium that can seat more than 40 delegates, six practical training bays and meeting rooms.