



# professional fixing guide

## Product Selection





# adhesives and grouts

## 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  
SITEWORK 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.

### 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.



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## BAL tips

### the benefits of experience

*Throughout this **PRODUCT SELECTION GUIDE** – and its **SITWORK GUIDANCE** companion – you'll find useful and helpful tips. While many of these will be recognised by most professionals, they are included to help everyone get the benefits of BAL's experience – and get it right, every time.*

## SELECTION – PRINCIPLES

# 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 11 for flexibility guide.*
- Are there any special service requirements applicable (EXAMPLES: extra hygiene/ sterile conditions/protection from bacteria/chemical resistance)?

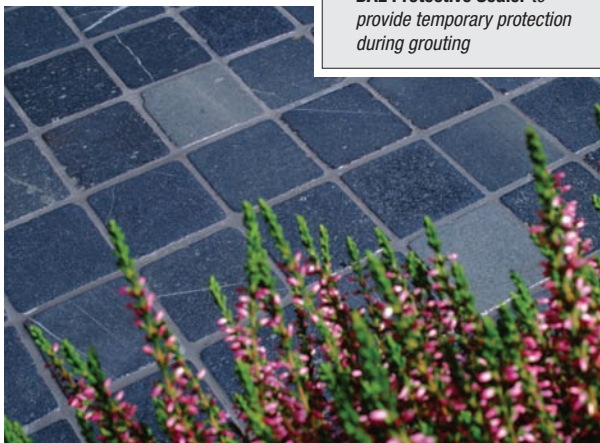
#### ■ Tile type and size

- 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? (Adhesive may take longer to set fully on some substrates).
- What is the tile weight per m<sup>2</sup>? (Is the substrate able to carry that weight?) *See page 10 for wall tiling weight limits.*

### 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 white adhesive*
- *To avoid unsightly stains on certain tile materials, use **BAL Protective Sealer** to provide temporary protection during grouting*



## SELECTION – PRINCIPLES

# 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**: 2001

#### TYPE

- C** = Cementitious
- D** = Dispersion (ready-to-use)
- R** = Reaction resin

#### CHARACTERISTICS

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

Also, under **BS EN 12002**:2002

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

### Grouts

Under **BS EN 13888**:2002

- CG** = Cementitious grout
- RG** = Reaction resin grout

In any adhesive or grout classification above:

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

### 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

	READY MIXED				
	Green Star	Blue Star	White Star	Tile & Grout	ctf3
<b>LOCATION</b>					
Interior (dry)	☐	☐	☐	☐	☐
Exterior	-	-	-	-	☐
<b>ENVIRONMENTS</b>					
Intermittent wet*	☐	☐	☐	☐	☐
Power shower	-	-	☐	☐	☐
Communal shower	-	-	☐	-	☐
Swimming pool	-	-	-	-	☐
Minor vibration	-	-	☐	☐	☐ A
Limited deflection	-	-	-	-	-
<b>BACKGROUNDS</b>					
Lightweight block	-	-	-	-	☐ A P
Render, Standard brick/block	☐	☐	☐	☐	☐
Concrete, Dense brick/block	-	-	-	-	☐ A
Plaster	☐	☐	☐	☐	☐ P
Plasterboard	☐	☐	☐	☐	☐ A P
Tilebacker boards, Fibre Cement sheets	☐	☐	☐	☐	☐ A
MDF Board	-	-	☐	☐	-
Existing Tiles: glazed ceramics	☐	☐	☐	☐	☐ A
Existing Tiles: unglazed ceramics, Natural stone	☐	☐	☐	☐	☐
Plywood walls	☐	☐	☐	☐	☐ A
Lightweight Tilebacker boards	☐	☐	☐	☐	☐ A

# wall tile grout selector

	CEMENTITIOUS		PRO-HYGIENE
	Bal Grout	Superflex	Microflex
<b>LOCATION</b>			
Interior (dry)	☐	☐	☐
Exterior	☐	☐	☐
<b>ENVIRONMENTS</b>			
Intermittent wet*	☐	☐	☐
Power shower	-	☐	☐
Communal shower	☐	☐	☐
Swimming pool	☐	☐	☐
Minor vibration	☐ A	☐	☐
Limited deflection	☐ A	☐	☐
<b>SPECIFIC FEATURES</b>			
Antibacterial	-	-	☐
Hygienic/sterile – food use	-	-	-
Chemical resistant	-	-	-

\*Kitchen/Bathroom/Domestic shower

CEMENTITIOUS		FLEXIBLE CEMENTITIOUS				2 PART
Rapidset	Supercover Rapidset	Mosaic-fix	Single Part Flexible	Natural Stone	Rapidset Flexible	Flex
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
⊕ A	⊕ A	□	□	□	□	□
-	-	-	-	-	-	□
⊕ AP	⊕ AP	⊕ P	⊕ P	⊕ P	⊕ P	□
□	□	□	□	□	□	□
⊕ A	⊕ A	□	□	□	□	□
⊕ P	⊕ P	⊕ P	⊕ P	⊕ P	⊕ P	□
⊕ AP	⊕ AP	⊕ P	⊕ P	⊕ P	⊕ P	□
⊕ A	⊕ A	□	□	□	□	□
-	-	□	-	-	-	□
⊕ A	⊕ A	-	-	□	□	□
⊕ A	⊕ A	□	□	□	□	□
⊕ A	⊕ A	□	-	-	-	□
⊕ A	⊕ A	□	□	□	□	□

SYSTEMS	EPOXY-RESIN
Microcolour	Easypoxy
□	□
□	□
□	□
□	□
-	□
⊕ A	□
⊕ A	□
□	-
-	□
-	□

KEY: A = Admixture P = Primer

## PRODUCT SELECTION

# floor tile adhesive selector

### CEMENTITIOUS

Gold Star	Wall & Floor Professional	ctf3	Rapidset	Supercover Rapidset	Pourable Thick Bed
					

#### LOCATION

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

#### ENVIRONMENTS

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



#### BASES

Cement:sand screed/ Mastic Asphalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A
Anhydrite screed	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> P
Underfloor heated screeds	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A
Plywood overlay	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A
Tongue & groove floorboards	-	-	-	-	-	-
Vinyl tiles/sheets	<input checked="" type="checkbox"/> A or B	<input checked="" type="checkbox"/> A or B	<input checked="" type="checkbox"/> A or B	<input checked="" type="checkbox"/> A or B	<input checked="" type="checkbox"/> A or B	<input checked="" type="checkbox"/> A or B
Concrete fibre boards	-	-	-	-	-	-
Uncoupling membrane	-	-	-	-	-	-
Existing tiles: glazed	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> A
Existing tiles: unglazed, Hard natural stone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# floor tile grout selector

### CEMENTITIOUS

### PRO-HYGIENE

Wide Joint	Superflex Wide Joint	Microflex Wide Joint
		

#### LOCATION

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

#### ENVIRONMENTS

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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floating wooden floors	<input checked="" type="checkbox"/> A	-	-
Minor vibration/Heavy use	<input checked="" type="checkbox"/> A	<input type="checkbox"/>	<input type="checkbox"/>
Limited deflection	<input checked="" type="checkbox"/> A	<input type="checkbox"/>	<input type="checkbox"/>

#### SPECIFIC FEATURES

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

\*Kitchen/Bathroom/Domestic shower



## SELECTION – FACTORS AND GUIDANCE

# 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/m<sup>2</sup>

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

#### 32kg/m<sup>2</sup>

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

Remember to allow 2-4kg/m<sup>2</sup> for adhesive *in addition to* the declared tile weight per m<sup>2</sup>.

### Typical wall substrates: Maximum tiling weight guide

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

<sup>‡</sup> tiles PLUS adhesive & grout

\* RECOMMENDATION: Seek further advice/guidance from the manufacturers re installation of these boards

## SELECTION – FACTORS AND GUIDANCE

# flexibility

### BAL ADHESIVES

	fastflex	Elastomeric – highly-flexible
	flex	
	acoustibond	
	supercover rapidset	+ admix AD1 Addition of Admix AD1 gives extra flexibility
	rapidset	
	wall & floor professional	
	gold star	
	pourable thick bed	
	ctf3	
	mosaic-fix	Good flexibility as single part (with no admix)
	green screed adhesive	
	single part flexible	
	rapidset flexible	
	natural stone	
	ptb flexible	
	white star	
	supercover rapidset	For use on rigid substrates only
	rapidset	
wall & floor professional		
gold star		
pourable thick bed		
ctf3		
tile & grout		
grip		
blue star		
green star		

### BAL GROUTS

	microcolour wide joint grout	+ admix GT1 Highly flexible when Admix GT1 added
	microcolour grout	
	wide joint grout	
	bal grout	
	microflex wide joint grout	Good flexibility as single part (with no admix)
	microflex grout	
	superflex wide joint grout	
	superflex grout	
	microcolour wide joint grout	Some flexibility when set
	microcolour grout	
	wide joint grout	Very limited flexibility when set
	bal grout	

## SELECTION – FACTORS AND GUIDANCE

# 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** may be added to:

- **Gold Star**
- **ctf3**
- **Rapidset**
- **Supercover Rapidset**
- **Pourable Thick Bed**

### For grouts

**BAL Admix GT1** may be added to:

- **Bal Grout**
- **Wide Joint Grout**
- **Microcolour Grout**
- **Microcolour Wide Joint Grout**

## BAL tips

### grouting in more demanding situations

- *If using these products for grouting in especially demanding situations (EXAMPLE: tiling to single layer timber floors), **Admix GT1** should be diluted 1:1 with water*

# 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** or **BAL Primer**:

## TWO coats neat

- Calcium sulphate screed
- Anhydrite screed
- Gypsum plaster<sup>▼§</sup>
- Plasterboard<sup>▼§</sup>
- Tongue-and-groove floorboards

## ONE coat

- Lightweight blockwork

## ONE coat

(diluted 1:1 with clean water)

- Gypsum plaster<sup>▼‡</sup>

## 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

- Plywood laid over underfloor heating

The following substrates do not require priming on the face of the substrate/background that will receive tiles:

- Lightweight tile backer boards
- Calcium Silicate boards
- Fibre-reinforced cement sheets<sup>#</sup>
- Plywood/Chipboard<sup>#</sup>

§ 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 PRODUCTS – Floor Levelling



- Pourable
- Fast-hardening: sets in 3 hours

### multibase

One-part Self-smoothing Compound

**USE FOR:**

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

**MAY BE TILED AFTER:** 3 hours

**COLOUR:** Grey

TYPICAL COVERAGE (per pack):

with <b>THICKNESS:</b>	<b>3mm</b>
<b>SIZE:</b>	25kg 5.0m <sup>2</sup>



- 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

TYPICAL COVERAGE (per pack):

with <b>THICKNESS:</b>	<b>3mm</b>
<b>SIZE:</b>	23.5kg 5.0m <sup>2</sup>
	+ 5 litre liquid

## PREPARATION PRODUCTS – Cement/Render

### quickset cement

For use in Screeds and Render Mortars

**USE FOR:**

- most substrates
- dry/wet – interior/exterior

**MAY BE TILED AFTER:** 24 hours

**COLOUR:** Grey

TYPICAL COVERAGE (per pack):

	SCREED (at 50mm thickness)		RENDER (at 10mm thickness)
<b>cement:sand ratio</b>	1:3	1:4	1:4
<b>SIZE: 25kg</b>	1.1m <sup>2</sup>	1.4m <sup>2</sup>	6.0m <sup>2</sup>

or 31m<sup>2</sup> if used for SLURRY BONDING COAT mixed 2:1 with BAL BOND SBR diluted 1:1 with water



- Water/frost-resistant when set
- Low shrinkage
- Fast-setting: sets in 3 hours

### quickset render

Preparation Render for Walls

**USE FOR:**

- most substrates
- dry/wet – interior/exterior

**SETS IN:** 2 hours

**COLOUR:** Grey

TYPICAL COVERAGE (per pack):

with <b>THICKNESS:</b>		<b>3mm</b>
<b>SIZE:</b>	25kg	5.3m <sup>2</sup>



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

## PREPARATION PRODUCTS – Waterproofing



- Flexible
- Waterproof/seamless: sets in 24 hours
- Supports maximum weight of 32kg/m<sup>2</sup> on walls

### WP1 coating

Waterproof Coating 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

**COLOUR:** Grey

TYPICAL COVERAGE (per pack):

with THICKNESS:	1mm
SIZE:	8kg 8.0m <sup>2</sup>



- Flexible
- Waterproof/seamless: sets in 24 hours
- Supports maximum weight of 32kg/m<sup>2</sup> on walls

### waterproofing kit

The Complete Waterproofing System

**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

**NOTE:** Not suitable for exterior use or total immersion

TYPICAL COVERAGE (per pack):

SIZE:	5kg 4.5m <sup>2</sup>
Sufficient for 1 domestic shower unit	

## PREPARATION PRODUCTS – Priming

### 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/plasterboard when using a BAL cementitious powder adhesive
- tongue & groove floorboards
- anhydrite screed floors

**USE DILUTED 1:1 with clean water on:**

- dusty/porous plaster walls when using a BAL ready-mixed adhesive
- cement: sand screed/concrete floors

**MAY BE TILED AFTER:** 30 minutes

TYPICAL COVERAGE (per pack):

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



- Stabilises dusty tiling substrates
- Reduces background porosity

### primer

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/plasterboard when using a BAL cementitious powder adhesive
- tongue & groove floorboards
- anhydrite screeds

**USE DILUTED 1:1 with clean water on:**

- dusty/porous plaster walls when using a BAL ready-mixed adhesive
- cement: sand screed/concrete floors

**MAY BE TILED AFTER:** 30 minutes

TYPICAL COVERAGE (per pack):

		UNDILUTED	DILUTED 1:1 WITH CLEAN WATER
SIZE:	1L	5-10m <sup>2</sup>	10-20m <sup>2</sup>



- Stabilises dusty tiling substrates
- Reduces background porosity

## PREPARATION PRODUCTS – Priming



### 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

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

**TYPICAL COVERAGE (per pack):**

**AS BONDING AID/ADMIXTURE**

SIZES:	1L	5L
Plastering (12mm bed):	5m <sup>2</sup>	25m <sup>2</sup>
Rendering (12mm thick):	1.5m <sup>2</sup>	7.5m <sup>2</sup>
Screeding (50mm thick):	0.25m <sup>2</sup>	1.25m <sup>2</sup>

**@10 LITRES PER 50KG OPC**

**AS PRIMER**

SIZES:	DILUTED 1:4 WITH CLEAN WATER	
	1L	5L
Undiluted (timber/vinyl):	12m <sup>2</sup>	60m <sup>2</sup>
Diluted* (plaster): *1:4 clean water	60m <sup>2</sup>	300m <sup>2</sup>

**AS SLURRY COAT**

SIZES:	1L	5L
Portland cement (1mm thick):	3m <sup>2</sup>	15m <sup>2</sup>

## PREPARATION PRODUCTS – Admixtures

### admix AD1

Admixture for Wall & Floor Adhesives

#### USE FOR:

- improving physical properties/performance of some BAL cementitious powder adhesives including:  
**BAL Gold Star/BAL CTF3/BAL Wall & Floor/  
BAL Rapidset/BAL Pourable Thick Bed/  
BAL Supercover Rapidset**
- dry/wet – interior/exterior

#### TYPICAL COVERAGE (per pack):

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



- 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 Microcolour Grout/BAL Microcolour Wide Joint Grout**
- dry/wet – interior/exterior

#### TYPICAL COVERAGE (per pack):

DILUTED 1:1 WITH WATER	
<b>SIZES:</b>	2.5L 19-25kg of BAL cementitious powder grout
	1L 8-10kg of BAL cementitious powder grout
DILUTED 1:2 WITH WATER	
<b>SIZES:</b>	2.5L 30-37kg of BAL cementitious powder grout
	1L 12-15kg of BAL cementitious powder grout



- Improves grout flexibility
- Suitable for use with porcelain tiles

## READY-MIXED – Adhesives



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

### green star

#### D1TE Tile Adhesive for Walls

##### USE FOR:

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

**GROUT AFTER:** 24 hours

**COLOUR:** White

##### TYPICAL COVERAGE (per pack):

		DRY WALL	WET WALL
<b>SIZES:</b>	15kg	6.0m <sup>2</sup>	5.0m <sup>2</sup>
	7.5kg	3.0m <sup>2</sup>	2.5m <sup>2</sup>
	3.75kg	1.5m <sup>2</sup>	1.25m <sup>2</sup>



- Flexible
- Excellent non-slip
- High bond strength

### blue star

#### D1T Tile Adhesive for Walls

##### USE FOR:

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

**GROUT AFTER:** 24 hours

**COLOUR:** White

##### TYPICAL COVERAGE (per pack):

		DRY WALL	WET WALL
<b>SIZES:</b>	10L	6.6m <sup>2</sup>	5.0m <sup>2</sup>
	5L	3.3m <sup>2</sup>	2.5m <sup>2</sup>
	2.5L	1.6m <sup>2</sup>	1.25m <sup>2</sup>
	1L	0.66m <sup>2</sup>	0.5m <sup>2</sup>



- Highly water-resistant
- Excellent non-slip
- High bond strength

### grip

#### D2TE Tile Adhesive for Walls

##### USE FOR:

- ceramics/mosaics/some natural stone
- dry/wet – interior
- domestic/commercial – including showers/kitchens

**GROUT AFTER:** 24 hours

**COLOUR:** White

##### TYPICAL COVERAGE (per pack):

		DRY WALL	WET WALL
<b>SIZES:</b>	15kg	7.5m <sup>2</sup>	5.0m <sup>2</sup>
	7.5kg	3.75m <sup>2</sup>	2.5m <sup>2</sup>
	3.75kg	1.85m <sup>2</sup>	1.25m <sup>2</sup>

## READY-MIXED – Adhesives

### white star

#### D2TE Tile Adhesive for Walls

##### USE FOR:

- ceramics/mosaics/natural stone
- dry/wet – interior
- domestic/commercial – including communal showers/commercial kitchens

**GROUT AFTER:** 24 hours

**COLOUR:** White

##### TYPICAL COVERAGE (per pack):

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



- Highly flexible
- Highly water-resistant
- Excellent non-slip
- High bond strength

### tile & grout

#### D2T Tile Adhesive for Walls

##### 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

##### TYPICAL COVERAGE (per pack):

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



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

## CEMENTITIOUS POWDERS – Adhesives



- High density compactability
- Cures in 24 hours
- Water/frost-resistant

### glass block

Adhesive Mortar

**USE FOR:**

- construction of glass block walls
- bed depths from 3-25mm
- domestic and communal showers
- dry/wet – interior/exterior

**POT LIFE AT 20°C:** 4 hours

**GROUT AFTER:** 16 hours

**COLOUR:** White

TYPICAL COVERAGE (per pack):

with JOINTS:	5mm	10mm	15mm
<b>SIZE:</b> 20kg	1.25m <sup>2</sup>	0.9m <sup>2</sup>	0.7m <sup>2</sup>

Using 190x190x80mm glass blocks



- Non-slip
- Good bond strength
- Water/frost-resistant
- Add **BAL Admix AD1** to enable extra applications

### ctf3

**C1T** Tile Adhesive for Walls & Floors

**USE FOR:**

- ceramics/mosaics/some natural stone
- dry/wet – interior/exterior
- including showers/swimming pools

**POT LIFE at 20°C:** 5 hours

**GROUT AFTER:** 16 hours

**COLOUR:** White

TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	8.0m <sup>2</sup>	6.6m <sup>2</sup>	5.0m <sup>2</sup>
10kg	4.0m <sup>2</sup>	3.3m <sup>2</sup>	2.5m <sup>2</sup>



- Non-slip
- Good bond strength
- Water/frost-resistant
- Add **BAL Admix AD1** to enable extra applications

### gold star

**C2TE** Tile Adhesive for Walls & Floors

**USE FOR:**

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

**POT LIFE AT 20°C:** 5 hours

**GROUT AFTER:** 16 hours

**COLOUR:** Grey



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	8.0m <sup>2</sup>	6.6m <sup>2</sup>	5.0m <sup>2</sup>
10kg	4.0m <sup>2</sup>	3.3m <sup>2</sup>	2.5m <sup>2</sup>
5kg	2.0m <sup>2</sup>	1.6m <sup>2</sup>	1.25m <sup>2</sup>

## CEMENTITIOUS POWDERS – Adhesives

### wall & floor professional

#### C2TE Tile Adhesive for Walls & Floors

##### USE FOR:

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

**POT LIFE AT 20°C:** 5 hours

**GROUT AFTER:** 16 hours

**COLOUR:** Grey



- Non-slip
- Good bond strength
- Water/frost-resistant
- Add **BAL Admix AD1** to enable extra applications

##### TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	8.0m <sup>2</sup>	6.6m <sup>2</sup>	5.0m <sup>2</sup>
10kg	4.0m <sup>2</sup>	3.3m <sup>2</sup>	2.5m <sup>2</sup>

### rapidset

#### C2FT Rapid-setting Tile Adhesive for Walls & Floors

##### USE FOR:

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

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 2 hours

**COLOURS:** Grey (all sizes); White (20kg only)



- Non-slip
- Excellent bond strength
- Highly water/frost-resistant
- Add **BAL Admix AD1** to enable extra applications

##### TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 22.5kg	9.0m <sup>2</sup>	7.5m <sup>2</sup>	5.6m <sup>2</sup>
20kg	8.0m <sup>2</sup>	6.6m <sup>2</sup>	5.0m <sup>2</sup>
10kg	4.0m <sup>2</sup>	3.3m <sup>2</sup>	2.5m <sup>2</sup>
5kg	2.0m <sup>2</sup>	1.65m <sup>2</sup>	1.25m <sup>2</sup>

### supercover rapidset

#### C1FT Rapid-setting Tile Adhesive for Walls & Floors

##### USE FOR:

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

**POT LIFE at 20°C:** 45 minutes

**GROUT AFTER:** 2 hours

**COLOUR:** Grey



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

##### TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZE:</b> 15kg	9.6m <sup>2</sup>	7.9m <sup>2</sup>	6.0m <sup>2</sup>

## CEMENTITIOUS POWDERS – Adhesives



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

### single part flexible

**C2TE** Tile Adhesive for Walls and Floors

**USE FOR:**

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

**POT LIFE AT 20°C:** 5 hours

**GROUT AFTER:** 16 hours

**COLOURS:** Grey (20kg only); White (20kg/10kg)



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>
10kg	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>



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

### natural stone

**C2FT** Rapid-setting Tile Adhesive for Walls & Floors

**USE FOR:**

- most tile types, including porcelain and natural stone
- dry/wet – interior/exterior
- including showers/swimming pools/total immersion

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 3 hours

**COLOUR:** White



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>
10kg	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>



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

### rapidset flexible

**C2FT** Rapid-setting Tile Adhesive for Walls & Floors

**USE FOR:**

- most tile types, including porcelain and natural stone
- dry/wet – interior/exterior
- including showers/swimming pools/total immersion

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 3 hours

**COLOURS:** Grey (20kg/10kg); White (20kg only)



TYPICAL COVERAGE (per pack):

	DRY WALL	WET WALL	FLOOR
<b>SIZES:</b> 20kg	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>
10kg	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>

## CEMENTITIOUS POWDERS – Adhesives

### mosaic-fix

**C2TS1** Tile Adhesive for Walls & Floors

**USE FOR:**

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

**POT LIFE AT 20°C:** 5 hours

**GROUT AFTER:** 16 hours

**COLOUR:** White



- Excellent non-slip
- Excellent bond strength
- Water/frost-resistant

TYPICAL COVERAGE (per pack):

TROWEL TYPE:	DRY WALL		WET WALL	
	<i>Mosaic</i>	<i>Round notched</i>	<i>Thin bed solid bed</i>	<i>Thick bed solid bed</i>
<b>SIZES:</b> 20kg	12.5m <sup>2</sup>	10.0m <sup>2</sup>	8.0m <sup>2</sup>	5.3m <sup>2</sup>
10kg	6.3m <sup>2</sup>	5.0m <sup>2</sup>	4.0m <sup>2</sup>	2.7m <sup>2</sup>
5kg	3.1m <sup>2</sup>	2.5m <sup>2</sup>	2.0m <sup>2</sup>	1.3m <sup>2</sup>

### flex

**C1TS2** Two-part Elastomeric Tile Adhesive for Walls & Floors

**USE FOR:**

- tiling subject to movement and vibration
- most tile types, including porcelain
- dry/wet – interior/exterior

**POT LIFE AT 20°C:** 5 hours

**GROUT AFTER:** 24 hours

**COLOUR:** Grey



- Highly Flexible
- Water/frost-resistant

TYPICAL COVERAGE (per pack):

	WET WALL	FLOOR
<b>SIZE:</b> 8.5kg + 5 litre liquid	9.0m <sup>2</sup>	5.4m <sup>2</sup>

## CEMENTITIOUS POWDERS – Adhesives



- Pourable
- High strength
- Water/frost-resistant
- Fast-setting: grout in 3 hours

### pourable thick bed

#### C1F Tile Adhesive for Floors

##### USE FOR:

- most large tile types/uneven surfaces
- dry/wet – interior/exterior
- including swimming pool bases/wet room floors

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 3 hours

**COLOUR:** Grey

##### TYPICAL COVERAGE (per pack):

with <b>THICKNESS:</b>	<b>3mm</b>
<b>SIZE:</b> 20kg	3.7m <sup>2</sup>



- Pourable
- High strength and flexibility
- Water/frost-resistant
- Fast-setting: grout in 3 hours

### ptb flexible

#### C2F Tile Adhesive for Floors

##### USE FOR:

- most large tile types (including porcelain)/uneven surfaces
- 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



##### TYPICAL COVERAGE (per pack):

with <b>THICKNESS:</b>	<b>3mm</b>
<b>SIZE:</b> White 20kg	5.0m <sup>2</sup>
Grey 20kg	3.7m <sup>2</sup>



- Rubber-like flexibility: elastomeric
- Fast-setting: sets in 3 hours
- Water/frost-resistant

### fastflex

#### C1FS2 Two-part Tile Adhesive for Floors

##### USE FOR:

- most tile types, including porcelain
- tiling subject to limited movement and vibration
- isolating, anti-fracture underlay for ceramic tiles
- dry/wet – interior/exterior

**GROUT AFTER:** 3 hours

**COLOURS:** Grey and White



##### TYPICAL COVERAGE (per pack):

TROWEL TYPE:	<i>Thick bed solid bed</i>	<i>Large format</i>	<i>Solid bed tipped</i>
<b>SIZES:</b> White 7.5kg + 5 litre liquid	4.1m <sup>2</sup>	2.7m <sup>2</sup>	3.6m <sup>2</sup>
Grey 7.5kg + 5 litre liquid	4.8m <sup>2</sup>	3.2m <sup>2</sup>	4.2m <sup>2</sup>

## CEMENTITIOUS POWDERS – Adhesives

### motobond

#### C2F Tile Adhesive for Floors

##### USE FOR:

- trafficked/heavy loading areas
- installations with uneven bases
- large and most heavy duty tile types, including porcelain
- dry/wet – interior/exterior

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 3 hours

**COLOUR:** Grey



- Exceptional compressive/adhesive strength
- Fast-setting: foot traffic and grout in 3 hours
- Water, frost and sulphate-resistant

##### TYPICAL COVERAGE (per pack):

with THICKNESS:	3mm
SIZE:	20kg 3.75m <sup>2</sup>

### green screed

#### C1S1 Tile Adhesive for Floors

##### USE FOR:

- enhancing adhesion to low porosity substrates
- most tile types, including porcelain
- dry/wet – interior/exterior
- including swimming pools/showers

**POT LIFE AT 20°C:** 45 minutes

**GROUT AFTER:** 24 hours

**COLOUR:** Grey



- 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 <sup>2</sup>

### acousti-bond

#### CIFS2 Tile Adhesive for Floors

##### USE FOR:

- improving tiled floor sound-reduction
- most tile types, including porcelain
- dry – interior

**POT LIFE AT 20°C:** 35 minutes

**GROUT AFTER:** 5 hours

**COLOUR:** Grey



- Contributes to Building Regulations Part E compliance
- Highly flexible
- Use with approved matting system

##### TYPICAL COVERAGE (per pack):

TROWEL TYPE:	Solid bed tipped
SIZE:	7.5kg 2.5m <sup>2</sup>

## CEMENTITIOUS POWDERS – Grouts



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

### bal grout

#### CG1 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 (3.5kg/1.5kg); Grey (3.5kg only)

**TYPICAL COVERAGE (per pack):**

TILE SIZES:	150x150x5.5mm	200x200x5.5mm
with <b>JOINT WIDTH:</b>	<b>2mm</b>	<b>2mm</b>
<b>SIZES:</b> 20kg	102.4m <sup>2</sup>	135.7m <sup>2</sup>
10kg	51.2m <sup>2</sup>	67.9m <sup>2</sup>
3.5kg	17.9m <sup>2</sup>	23.7m <sup>2</sup>
1.5kg	7.7m <sup>2</sup>	10.2m <sup>2</sup>

**NOTE:** Waterproof tile adhesive/tanking required for wet applications



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

### superflex

#### CG2 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:** 30 minutes

**SETS IN:** 24 hours

**COLOURS:** White and Ivory



**TYPICAL COVERAGE (per pack):**

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

**NOTE:** Waterproof 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

## CEMENTITIOUS POWDERS – Grouts

### wide joint grout

#### CG1 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:** 30 minutes

**SETS IN:** 24 hours

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

**TYPICAL COVERAGE (per pack):**

<b>TILE SIZES:</b>	<b>300x300x9mm</b>	<b>200x200x9mm</b>
with <b>JOINT WIDTH:</b>	<b>3mm</b>	<b>3mm</b>
<b>SIZES:</b> 10kg	32.2m <sup>2</sup>	21.6m <sup>2</sup>
3.5kg	11.3m <sup>2</sup>	7.6m <sup>2</sup>

**NOTE:** Waterproof tile adhesive/tanking required for wet applications



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

### superflex wide joint

#### CG2 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:** 30 minutes

**SETS IN:** 24 hours

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



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

**TYPICAL COVERAGE (per pack):**

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

**NOTE:** Waterproof tile adhesive/tanking required for wet applications

## CEMENTITIOUS POWDERS – Grouts



- Highly flexible
- Water/frost-resistant
- Allows fast/easy application

### pourable flood grout

**CG1** Tile Grout for Floors

**JOINTS:** up to 4mm

**USE FOR:**

- most tile types, including porcelain
- dry/wet – interior/exterior
- large areas

**POT LIFE AT 20°C:** 30 minutes

**SETS IN:** 3 hours

**COLOUR:** Grey standard, bespoke colours available to MOQ's, contact **BAL Marketing Department** for further information

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	150x150x5.5mm	200x200x5.5mm
with <b>JOINT WIDTH:</b>	2mm	2mm
<b>SIZES:</b>	10kg	40.0m <sup>2</sup>
		27.0m <sup>2</sup>

## EPOXIES – Grouts



- Hygienic
- Waterproof
- Chemical-resistant
- Durable/abrasion-resistant

### easy epoxy

**RG1** Hygienic Waterproof Tile Grout for Walls & Floors

**JOINTS:** up to 12mm

**USE FOR:**

- most tile types – dry/wet – interior/exterior
- kitchens/worktops/food preparation areas/showers/swimming pools/hospitals/industrial plants

**POT LIFE AT 20°C:** 45 minutes

**CURES IN:** 24 hours

**COLOURS:** White and Grey (5kg/1kg), Ivory (1kg only)



TYPICAL COVERAGE (per pack):

	WALL	FLOOR
<b>TILE SIZES:</b>	150x150x5.5mm	300x300x9mm
with <b>JOINT WIDTH:</b>	2mm	3mm
<b>SIZES:</b>	5kg	16.3m <sup>2</sup>
	1kg	3.3m <sup>2</sup>

## EPOXIES – Grouts

### floor epoxy

**RG1 Hygienic Impervious Tile Grout for Floors**



**JOINTS:** up to 20mm

**USE FOR:**

- most tile types – dry/intermittent wet – interior
- 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

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	<b>200x200x9mm</b>	<b>300x300x9mm</b>
with <b>JOINT WIDTH:</b>	<b>3mm</b>	<b>3mm</b>
<b>SIZE:</b> 10kg	22.7m <sup>2</sup>	33.8m <sup>2</sup>



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

### epoxy LV

**RG1 Hygienic Waterproof 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

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	<b>200x200x9mm</b>	<b>300x300x9mm</b>
with <b>JOINT WIDTH:</b>	<b>3mm</b>	<b>3mm</b>
<b>SIZE:</b> 10kg	22.9m <sup>2</sup>	34.0m <sup>2</sup>



- Hygienic
- Chemical-resistant
- Also suitable as high performance adhesive for ceramic tiles

## ANTIBACTERIAL CEMENTITIOUS POWDERS – Grouts



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

### microflex

**CG2 Tile Grout 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:** 30 minutes

**SETS IN:** 24 hours

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

TYPICAL COVERAGE (per pack):

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

**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



- Efflorescence-free/water-repellent
- Contains Microban® antibacterial protection: for extra hygiene
- Add **BAL Admix GT1** to enable extra applications

### microcolour

**CG2F Rapid-setting Tile Grout for Walls\***



**JOINTS:** up to 7mm

**USE FOR:**

- protecting against bacteria and black mould
- 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:** 5 hours

**COLOUR CHOICE:** 14 (See page 36)

TYPICAL COVERAGE (per pack):

TILE SIZES:	150x150x5.5mm	200x200x5.5mm
with JOINT WIDTH:	2mm	2mm
<b>SIZES:</b> 5kg	24.2m <sup>2</sup>	32.1m <sup>2</sup>
2.5kg	12.1m <sup>2</sup>	16.1m <sup>2</sup>

**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

## microflex wide joint

**CG2** Tile Grout for Walls & Floors



**JOINTS:** from 3mm – 20mm

**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:** 30 minutes

**SETS IN:** 24 hours

**COLOURS:** Grey (10kg/3.5kg),  
Cocoa and Pebble (3.5kg only)

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	<b>300x300x9mm</b>	<b>200x200x9mm</b>
with <b>JOINT WIDTH:</b>	<b>3mm</b>	<b>3mm</b>
<b>SIZES:</b> 10kg	34.3m <sup>2</sup>	23.0m <sup>2</sup>
3.5kg	12.0m <sup>2</sup>	8.1m <sup>2</sup>

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



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

## microcolour wide joint

**CG2F** Rapid-setting Tile Grout for Walls & Floors



**JOINTS:** from 2mm – 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:** 5 hours

**COLOUR CHOICE:** 14 (See page 36)

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	<b>300x300x9mm</b>	<b>200x200x9mm</b>
with <b>JOINT WIDTH:</b>	<b>3mm</b>	<b>2mm</b>
<b>SIZES:</b> 5kg	19.4m <sup>2</sup>	13.0m <sup>2</sup>
2.5kg	9.7m <sup>2</sup>	6.5m <sup>2</sup>

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



- Efflorescence-free/water-repellent
- Water/frost-resistant
- Contains Microban® antibacterial protection: for extra hygiene
- Add **BAL Admix GT1** to enable extra applications

## SILICONE SEALANTS



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

### silicone

Flexible Waterproof 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

**CURES IN:** 24 hours (per 4mm thickness)

**COLOURS:** White, cream and transparent

TYPICAL COVERAGE (per pack):

with <b>BEAD SIZE:</b>	<b>6x6mm</b>
<b>SIZE:</b>	310ml 8.8m



- Waterproof and weatherproof
- Excellent adhesion
- Service temperature range: -50°C to +200°C
- Contains Microban® antibacterial protection: for extra hygiene

### microseal

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

**CURES IN:** 24 hours (per 3mm thickness)

**COLOURS:** White, Grey and Champagne

TYPICAL COVERAGE (per pack):

with <b>BEAD SIZE:</b>	<b>6x6mm</b>
<b>SIZE:</b>	310ml 8.8m

## TEMPORARY PROTECTION



- Inhibits growth of bacteria and black mould

### protective sealer

Temporary Protection prior to Grouting

**USE FOR:**

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

TYPICAL COVERAGE (per pack):

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

## TILE CARE PRODUCTS

### microrevive

Antibacterial Grout Renovator



**USE FOR:**

– renewing appearance of existing wall grouts

**COLOUR:** White

TYPICAL COVERAGE (per pack):

<b>TILE SIZES:</b>	152x152x5.5mm
with <b>JOINT WIDTH:</b>	2mm
<b>SIZE:</b> 500g	2m <sup>2</sup>



- Contains Microban® antibacterial protection: for extra hygiene
- Inhibits growth of bacteria and black mould
- Water-resistant

### microshield

Antibacterial Tile Cleaner  
for Walls & Floors



**USE FOR:**

– renewing appearance of existing grouts

– dry/wet – interior/exterior

**COLOUR:** White

**SIZE:** 750ml



- Contains Microban® antibacterial protection: for extra hygiene
- Inhibits growth of bacteria and black mould

## COLOUR CHOICE

# antibacterial coloured grouts

### Antibacterial grouts for Walls and Floors

All these colours are available in both **Microcolour Grout** and **Microcolour Wide Joint Grout**.



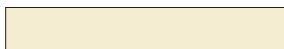
## microcolour & microcolour WIDE JOINT



Brilliant White



Manilla



Champagne



Gunmetal



Pebble



Straw



Saffron



Ebony



Smoke



Denim



Emerald



Scarlet



Chocolate



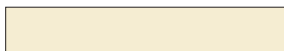
Cocoa

**Microflex Grout** is available in these 3 colours:

microflex



White



Ivory



Ebony

**Microflex Wide Joint Grout** is available in these 3 colours:

microflex

WIDE JOINT



Grey



Pebble



Cocoa

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

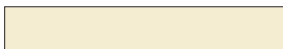
### Standard grouts for Walls and Floors

Available colours for other BAL grouts vary according to product, as listed below: **Wide Joint Grout** and **Superflex Wide Joint Grout** are each available in all these colours:

## wide joint & superflex WIDE JOINT



White



Ivory



Grey



Charcoal



Limestone



Sandstone

Available colours for other  
**BAL Grouts** are:

<b>Bal Grout</b>	White	Ivory	Grey
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<b>Easypoxy</b>	White	Ivory	Grey
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<b>Epoxy LV &amp; Floor Epoxy</b>	Grey Only
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<b>Superflex</b>	White	Ivory
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Colours are shown above for guidance only.  
For actual colour match, ask to see BAL grout  
swatches 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**)

## PROFESSIONAL SUPPORT SERVICES

# fixer focus, powerspec, web

### Fixer Focus: keeping you fully informed – first

All professional tile fixers need to keep fully up-to-date with important developments affecting the tiling industry. **BAL Fixer Focus** is our way of ensuring you're among the first to hear about new products and techniques; changes to regulations and standards; and about any other issues that are relevant to your tiling projects.



To register to receive your FREE updates, please call **01782 591100** or email [info@building-adhesives.com](mailto:info@building-adhesives.com)

### 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](http://www.powerspeconline.com)

### Quote Builder: the professional quotation tool

A professionally-presented quote always impresses potential customers. It confirms that you know your trade, and helps win their confidence.

**BAL Quote Builder** makes it easy for fixers to produce such quotes – fast. This addition to **BAL Powerspec** enables you to:

- Log-in to your own secure account

- Save your product prices, company details and logo
- Specify any new job in the usual way

It immediately provides a complete specification – including itemised product quantities and your labour rates (*optional*), as well as other items you wish to include.

### Website: information and advice

The BAL website is always available to provide:

- Full information about BAL products and services
- Downloadable literature including Technical Data Sheets and Material Safety Data Sheets
- Stockist locator
- Up-to-date training course programmes and dates
- On-line technical advice

Visit [www.bal-adhesives.com](http://www.bal-adhesives.com)



## PROFESSIONAL SUPPORT SERVICES

# BAL training

### BAL Training: getting fully qualified

The importance of correct training should never be underestimated. As the UK's most trusted name for professional wall and floor tiling adhesives and grouts, BAL has also set the standards for training quality. BAL Training courses have won several awards: including recognition from the National Training Awards

and, for the first Training Centre in Stoke, 'Centre of Excellence' status from The Tile Association (TTA).



For **apprentices/inexperienced** fixers, BAL training develops skills essential for consistent Best Practice achievement of high quality, lasting installations. It is an important step towards NVQ Level 2 and to earning the CSCS card that is increasingly required for access to

#### A range of wall & floor tiling courses

Comprehensive programmes of presentations, workshops, demonstrations and hands-on practical skills development.

For **experienced** professional tilers, BAL Training is a means to build on existing skills, and to keep fully up to speed with new techniques and new challenges:

#### A range of specialist courses

Focusing on preparation of walls and floors for advanced projects; and fixing natural stone and larger format tiles.

There are BAL Training Centres in Stoke-on-Trent, Bristol and Salford. A number of independent training organisations also now provide BAL-Approved Training courses for professional fixers.

To find out more about BAL Training – venues, costs and available course dates:

visit  
[www.bal-adhesives.co.uk/bal/training.asp](http://www.bal-adhesives.co.uk/bal/training.asp)  
or email  
[training@building-adhesives.com](mailto:training@building-adhesives.com)  
or call  
**01782 591123**

### 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**



# professional fixing guide

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