

# quickset render

## Preparation render for walls

### DESCRIPTION

Pre-mixed rapid-setting polymer-modified cement/sand render mortar.

#### Use for

Preparing WALL surfaces prior to installing most tile types including ceramic, porcelain and natural stone.

- Suitable for use in dry and wet installations including swimming pools.
- Rapid strength development.
- Low shrinkage.
- Also suitable as a patch repair mortar.

#### Restrictions: NOT suitable for

- Wearing surfaces, Not suitable for FLOORS.

### PRODUCT INFORMATION

**Composition:** Single component polymer-modified cement:sand mortar.

**Colour:** Grey

**Type/Classification:** EN 13813:2002 CT-C40-F7

**Pack size:** 25kg

#### Key features:

Water/frost-resistant when set.

Low shrinkage.

Fast-setting: sets in 3 hours.

Screeds can accept foot traffic after 3 hours.

Bonded screeds and renders can be tiled with ceramic tiles after 4 hours.

### USAGE: BED THICKNESS / TIME

Bed Thickness	Pot Life	Tiling can be started after: ^
2-20mm	30 mins	2 hours

^ Setting time will be extended in colder temperatures.

### USAGE: TOOLS/COVERAGE

Recommended Application Tool	Typical Coverage ^ at 3mm Bed-thickness
Steel trowel	0.64m <sup>2</sup> /kg

^ May vary dependent on nature of surface, and thickness of application.

### TEMPERATURE RESISTANCE

-30°C to 100°C

## SURFACE PREPARATION

### General

Provide construction joints in accordance with normal practice. Ensure surfaces are dry, sound, clean and free from grease, dust and any other contamination.

### SUITABLE SURFACES include:

Concrete, brickwork and blockwork: Allow to dry for 6 weeks.

### Porous substrates:

Dampen down porous substrates before application of BAL QUICKSET RENDER.

NOTE: For information on anchored mesh reinforcement, contact BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE.

### Glazed brickwork:

Score glazed brickwork to provide additional key, then apply slurry bonding coat to the surface (2 parts BAL QUICKSET RENDER to 1 part BAL BOND SBR by weight). Contact BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE for more information.

### Plaster surfaces:

Ensure the plaster surface has dried for at least 4 weeks and is free from dust debris. Prime with BAL PRIME APD undiluted and allow to dry before applying BAL QUICKSET RENDER.

## MIXING

NOTE: Do not prepare/mix more BAL QUICKSET RENDER than you can use within 20 minutes.

1. Add 7 parts powder to 1 part clean cold water by weight. (see table) Never add more water than recommended as this may lead to excess shrinkage or de-bonding.
2. Mix until a lump-free consistence is achieved.
3. Allow mixed adhesive to stand for 2 minutes before re-mixing for 30 seconds.

Product Size	Usage	Approx., clean cold water required per size
25kg	Wall	3.5 litres

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

Ready for immediate use. Pot life at 20°C: approx. 30 minutes.

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

### BAL QUICKSET RENDER with BAL BOND SBR slurry coat

1. Apply slurry bonding coat and apply render onto wet slurry coat.
2. Typical render thickness: 6-12mm. If greater thickness required: Comb or scratch first coat, before it hardens, to provide key for second coat.

## BACKGROUNDS / BASES

Concrete / Brickwork / Blockwork	✓
Lightweight Concrete Blocks	✓
Glazed Tiles/Bricks (2)(3)	✓
Plaster surfaces (1)	✓

Walls	✓	Floor	x
Interior	✓	Exterior	✓
Dry	✓	Wet (a)	✓
Swimming Pools (3)(b)	x	Movement Vibration	x

- (1) Prime with BAL PRIME APD. (See BAL TECHNICAL DATA SHEET for more information).
- (2) Slurry Bonding Coat required. 2 parts BAL QUICKSET RENDER to 1 part BAL BOND SBR by weight.
- (3) Contact BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE.

### Note:

(a) Do not use shower for at least 2 weeks after completion of tiling & grouting – BS 5385:Part 4 2015.

## APPLICATION/USAGE

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

**Trowel recommendations;** General wood float.

Provide construction joints in accordance with normal rendering practice.

### Usage procedure

1. Apply thin skim (1-2mm) bonding coat of BAL QUICKSET RENDER to wall substrate.
2. While this is still wet, apply single thick coat of BAL QUICKSET RENDER (min. 2mm up to max. 20mm as required) in accordance with normal rendering practice.
3. Between 40-60 minutes after application, finish using a wooden float.

### Ensuring flat surface for tiling

4. Ensure rendered surface is sufficiently flat to permit specified finished tiling flatness, allowing for permissible minimum/maximum thickness of bedding material.
5. Using 2m straightedge, check flatness of finished bedding: no gap underneath straightedge should exceed 3mm anywhere on the surface (i.e. comply with SR1 of BS 5385 – Part 1, clause 3.3.3, and Part 2 clause 19.4).

## TILE FIXING

Surface to be tiled should have a wood float finish.

At 20°C, BAL QUICKSET RENDER will be ready to receive tiling after 2 hours. Allow longer in cooler conditions.

Tiles may be laid directly onto the rendering using an appropriate BAL tile adhesive.

## HEALTH & SAFETY INFORMATION / GOOD PRACTICE ADVICE

For detailed information and safety guidance, please refer to Product Material Safety Data Sheet [MSDS].

### TECHNICAL ADVISORY SERVICE

For free expert guidance on use of this product, or any aspect of tiling, contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE on Tel: 01782 591120 or 03330 030160 or Email: [info@building-adhesives.com](mailto:info@building-adhesives.com)

### SHELF LIFE

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

## QUALITY AND ENVIRONMENTAL STANDARDS

Manufacturing quality assurance standards conform to BS EN ISO 9001. Satisfies the environmental management requirements and operational scope of ISO 14001.

### 25 YEAR GUARANTEE

*All BAL products are supplied with a 25-year product guarantee to be free from manufacturing defects and to be fit for purpose. The guarantee covers materials replacement costs and labour. This guarantee is subject to use of product in accordance with BAL's instructions and technical data, and good working practice. No liability can be accepted for any loss or damage arising from incorrect use of products or poor workmanship, over which BAL has no control. While products may be suitable for installations internally or externally, products when used externally are exempt from cover under the BAL 25 Year Guarantee. Terms and conditions apply. Full details are available for your review at [www.bal-adhesives.com](http://www.bal-adhesives.com).*

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### CONDITIONS OF SALE

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

*For sales and technical queries, contact:*

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NOTE: BAL reserves the right to update instructions, technical data and other information at any time without notice.

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