

bond SBR

Multi-purpose bonding & priming agent for walls & floors

DESCRIPTION

Multi-purpose synthetic polymer primer and admixture for walls and floors.

Use for

A water-based dispersion of a styrene-butadiene copolymer with a wide variety of uses in the construction industry, particularly as an admixture and bonding agent for cement and concrete applications. Once cured, the polymer is water frost resistant.

- Primer before tile fixing on timber, plaster, screeds, rendering or vinyl tiles.
- Slurry coat of cement or plaster mix for wall and floor backgrounds in dry and wet interior and exterior environments.
- Suitable for swimming pools.
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Restrictions: NOT suitable for

- Painted surfaces, existing non-porous surfaces (existing tiles), Epoxy coatings, some manufactured board systems (check with manufacturer first), use over BAL RAPID-MAT

PRODUCT INFORMATION

Composition: Water-based dispersion styrene-butadiene copolymer.

Colours: White.

Pack sizes: 1 litre, 5 litre

Key Features:

- Greater toughness, flexibility and tensile strength, allowing mortars to be applied in thinner sections, thus reducing the weight of the construction.
- Improved adhesion to backgrounds/bases.
- Greater resistance to water and water vapour.
- Greatly increased protection from water and salts.
- Greater resistance to impact.
- Reduced surface dusting.
- Improved working characteristics particularly valuable in hot, humid climates.

Drying time: 15-30 mins. (at 20°C)

USAGE & SERVICE CONDITIONS

| | | | |
|---------------------------|---|----------------------------------|---|
| Walls | ✓ | Floor | ✓ |
| Interior | ✓ | Exterior | ✓ |
| Dry | ✓ | Wet | ✓ |
| Worktops (1) | ✗ | Showers (a)(4) | ✓ |
| Swimming Pools (b) | ✓ | Heated Screeds (8) | ✓ |
| Hydrotherapy Pools (b)(1) | ✓ | Limited Movement / Vibration (8) | ✓ |

BACKGROUNDS / BASES

| | |
|--|---|
| Brick/Concrete | ✓ |
| Rendering (10) | ✓ |
| Lightweight Blockwork (2)(3) | ✓ |
| Cement:Sand Screed (3)(8)(10) | ✓ |
| Plaster (2)(3)(4)(10) | ✓ |
| Plasterboard (2)(3)(4) | ✓ |
| Tile Backer/Fibre | ✓ |
| Cement Boards (2)(3)(4) (6) | ✓ |
| Timber Floors (2)(7) | ✓ |
| Overlaid Timber Floors – 15mm min. (4)(6)(9) | ✓ |
| Anhydrite/Calcium Sulfate Screeds (5)(8) | ✓ |

COVERAGE

| Usage (primer) | Typical Coverage [^] | 5 litre Bottle |
|------------------------|-------------------------------|-------------------|
| Undiluted | 12m ² /litre | 60m ² |
| Diluted 1:2 with water | 36m ² /litre | 180m ² |
| Diluted 1:4 with water | 40m ² /litre | 300m ² |

[^] May vary dependent on the porosity of surface, and on application.

| Usage (bonding & admixture) | Typical Coverage | 5 litre Bottle |
|-----------------------------|----------------------------|----------------------|
| Plastering (12mm thick): | 5m ² /litre | 25m ² |
| Rendering (12mm thick): | 1.5m ² /litre* | 7.5m ² * |
| Screeding (50mm thick): | 0.25m ² /litre* | 1.25m ² * |

* @ 10 litres per 50kg OPC or BAL QUICKST CEMENT

| Usage (slurry coat) | Typical Coverage | 5 litre Bottle |
|---|------------------------|------------------|
| Portland cement or BAL QUICKSET CEMENT (1mm thick): | 3m ² /litre | 15m ² |

- (1) Tiles must be grouted using BAL EASYPOXY AG.
 (2) Primer – Dilute 1 part BAL BOND SBR to 2 parts water by volume
 (3) Primer – Dilute 1 part BAL BOND SBR to 4 parts water by volume
 (4) In wet conditions tank out with BAL WATERPROOFING KIT FOR SHOWERS, BAL TANK-IT or BAL WATERPROOF PLUS.
 (5) Prime with BAL BOND SBR, first coat 1:4 with water, second coat diluted 1:2 with water 90° to the first.
 (6) Check suitability for the intended purpose with the manufacturer.
 (7) When used with BAL RAPID-MAT.
 (8) May be used in conjunction with BAL RAPID-MAT.
 (9) Seal back face and edges with undiluted BAL BOND SBR.
 (10) Used as an admixture and slurry coat to obtain optimum benefits.

Not recommended for use on paint, metal or existing glazed tiles.

Note:

- (a) Do not use shower for at least 2 weeks after completion of grouting – BS 5385:Part 4
 (b) Do not fill pool for at least 3 weeks after completion of grouting – BS 5385:Part 4

SURFACE PREPARATION

Primer/Sealer

BAL BOND SBR can be used on the following areas as a primer or sealer before tiling:

- Plaster

Dilute 1 part BAL BOND SBR with:

For ready mixed dispersions, 4 parts clean cold water.

For cement based powders, 2 parts clean cold water.

- Screeds/renders

Dilute 1 part BAL BOND SBR with 4 parts clean cold water.

- Vinyl

Brush BAL BOND SBR undiluted over whole of surface to be tiled.

- Timber surfaces

Seal timber surface on the underside and edges only with undiluted BAL BOND SBR.

Admixtures

BAL BOND SBR can be used as on the following areas:

- Bricklaying/pointing

Add 10-15litres BAL BOND SBR to 50kg cement.

- Plastering

For slurry coat, dilute 1 part BAL BOND SBR to 4 parts water and mix with 9 parts plaster.

For integral part of plaster mix. Mix 2-4 litres BAL BOND SBR to 50kg plaster.

Dampen surface before application and apply plaster before slurry dries.

- Rendering/screeding/patching/repairing

For Slurry coat, add 1 part sand to 1 part cement by weight, mixed with appropriate amount of BAL BOND SBR pre-diluted 1:1 with clean water to achieve desired consistency.

Dampen surface before application and apply render/screed before slurry dries.

For integral part of mortar (recommended for best results), mix 5-10 litres BAL BOND SBR with 50kg cement. In areas of high hydrostatic pressure, contact BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE.

NOTE: On vertical surface and soffits, coatings exceeding 6mm may be difficult to apply because mortars with BAL BOND SBR are more likely to slump than conventional mortars.

MIXING

1. Shake container well before use.

2. Can be used undiluted/dilute 1:2 or 1:4 by volume of BAL BOND SBR and clean water and thoroughly mix.

APPLICATION/USAGE

Usage procedure

IMPORTANT NOTE: Do NOT use in temperatures below 5°C.

1. Ensure surfaces are free from dirt, grease and other loose materials. Brush down highly polished surfaces with a stiff bristle brush before priming.

2. Apply 2 coats of BAL BOND SBR using a clean brush from a container, diluted or undiluted as appropriate (See USAGE above). Allow to dry between coats.

NOTE: If using on floor, do NOT allow to form puddles.

3. Ensure even coverage.

4. Allow to dry thoroughly for 15-30 minutes before applying adhesive.

5. Clean product from tools using clean water.

HEALTH & SAFETY INFORMATION / GOOD PRACTICE ADVICE

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

TECHNICAL ADVISORY SERVICE

For free expert guidance on use of this product, or any aspect of tiling, contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE on Tel: 01782 591120 or 0845 600 1 222 or Fax: 01782 591121.

POWERSPEC

A unique computerised online specification system for the design and installation of ceramic, mosaic and natural stone tiling.

Visit www.powerspeconline.com

SHELF LIFE

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

QUALITY AND ENVIRONMENTAL STANDARDS

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

25 YEAR GUARANTEE

All BAL products are supplied with a 25 year product guarantee to be free from manufacturing defects and to be fit for purpose. The guarantee covers materials replacement costs and labour.

This guarantee is subject to use of product in accordance with BAL's instructions and technical data, and good working practice. No liability can be accepted for any loss or damage arising from incorrect use of products or poor workmanship, over which BAL has no control. 10 year anti-fungal guarantee subject to regular cleaning.

Contact BAL Marketing Department for full details.

CONDITIONS OF SALE

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

For sales and technical queries, contact:

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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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