

Prime APD

Acrylic primer for walls and floors

DESCRIPTION

Rapid-drying, coloured, acrylic primer for tiling substrates. A modified acrylic polymer dispersion for preparing wall and floor backgrounds prior to fixing of ceramic, mosaics and natural stone tiles in dry or wet internal and external environments.

Use for

- Preparing background for receiving adhesives, levelling Compounds and for BAL WP1 waterproof coating.
- BAL PRIME APD isolates products containing calcium sulphate such as gypsum plaster and anhydrite screeds when using cement-based adhesives.
- Providing stability to friable surfaces and reducing the porosity of absorbent backgrounds/bases.
- Preventing the formation of air bubbles and prolonging the flow time with levelling compounds.

Restrictions: NOT suitable for

Metal, painted surfaces, existing non-porous surfaces (existing glazed or porcelain tiles), Epoxy coatings, some manufactured board systems (check with manufacturer first) and in total immersion areas (e.g. swimming pools)

PRODUCT INFORMATION

Composition: Modified acrylic polymer dispersion.

Colours: Green/blue.

Pack sizes: 2.5 litre

Key Features:

- Rapid drying primer.
- Primer is green to help ensure that a complete and even coating is obtained.
- Stabilises dusty tiling substrates.
- Reduces background porosity.

Drying time: 15-30 mins. (at 20°C)

BACKGROUNDS / BASES

Brick/Concrete (3)	✓
Rendering (3)	✓
Lightweight Blockwork – must be rendered (3)	✓
Cement: Sand Screed (3)(8)	✓
Plaster (2)(3)(4)	✓
Plasterboard (4)	✓
BAL BOARD/Tile Backer/Fibre Cement Boards (3)(4)(6)	✓
Tongue & Groove Floorboards (2)(7)	✓
Overlaid Timber Floors – 15mm min. (4)(6)(9)	✓
Anhydrite/Calcium Sulfate Screeds (5)(8)	✓

- (1) Tiles must be grouted using BAL ABSOLUTE GROUT.
- (2) Prime with undiluted BAL Prime APD
- (3) Prime with BAL PRIME APD diluted 1-part BAL PRIME APD to 1 parts clean cold water by volume (See coat requirements below)
- (4) In wet conditions check priming requirements with the primary waterproofing system used.
- (5) Prime with BAL PRIME APD, first coat with 1:1 with water, second coat undiluted 90° to the first.
- (6) Check suitability for the intended purpose with the manufacturer.
- (7) When used with BAL RAPID-MAT.
- (8) When used in conjunction with BAL RAPID-MAT/BAL FLEXBONE VARIED.
- (9) Seal back face and edges with undiluted BAL BOND SBR.

Note:

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

COVERAGE

Usage (primer)	Typical Coverage ^	2.5 litre Bottle ^
Undiluted	5m ² - 10m ² /litre	12.5m ² - 25m ²
Diluted 1:1 with water	10m ² - 20m ² /litre	25m ² - 50m ²

^ May vary dependent on the porosity of surface, and on

USAGE & SERVICE CONDITIONS

Walls	✓	Floor	✓
Interior	✓	Exterior	✓
Dry	✓	Wet	✓
Worktops (1)	✗	Showers (a)(4)	✓
Limited Movement / Vibration(8)	✓	Heated Screeds	✓

SURFACE PREPARATION

Priming

BAL PRIME APD can be used on the following areas as a primer before tiling:

Prime with 2 Undiluted coats (second coat applied at 90° to the first):

- Plaster walls (when using a BAL cementitious adhesive).
- Tongued and grooved floorboards (when using BAL SINGLE PART FASTFLEX or a BAL flexible cementitious adhesive with BAL RAPID-MAT).

Prime with 1 coat (Diluted 1:1 with Clean Cold water):

- Plaster walls (when using a BAL ready-mixed adhesive), only if dusty or porous.
- Cement screeds/concrete/brick/rendering

Prime with 2 coats first coat diluted 1:1 with clean water followed by a second coat undiluted (second coat applied at 90° to the first):

- Calcium sulphate screeds.
- Anhydrite screeds.

The following substrates may require priming on the face of the board. Check suitability and requirements with the manufacturer.

Prime with 1 coat

undiluted or diluted 1:1 with water by volume (refer to board manufacturer for guidance):

- BAL BOARD
- Lightweight tile backer boards
- Calcium silicate boards
- Fibre-reinforced cement sheets

For levelling or waterproofing, refer to the relevant BAL product data sheet for priming guidance.

MIXING

1. Shake container well before use.
2. Can be used undiluted/diluted 1:1 by volume of BAL PRIME APD 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 1 - 2 coats of BAL PRIME APD using a clean brush from a container, diluted or undiluted as appropriate (See SURFACE PREPARATION 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 03330 030160 or Email: 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.

CONDITIONS OF SALE

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

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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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