

# Prime APD

## Acrylic primer for walls and floors

### DESCRIPTION

Rapid-drying, coloured, acrylic primer for tiling substrates.

#### Use for

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.

- May also be used with BAL ACRYBASE, BAL LEVEL MAX Levelling Compounds and with BAL WP1 waterproof coating for walls and floors.
- BAL PRIME APD isolates products containing calcium sulphate such as gypsum plaster and anhydrite screeds from cement-based adhesives.
- Provides surface strength to friable surfaces and reduces the porosity of porous backgrounds/bases, preventing the formation of air bubbles and prolonging the flow time with levelling compounds.
- Extending the open time of BAL Ready mixed wall tile adhesives.

#### Restrictions: NOT suitable for

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

#### USAGE & SERVICE CONDITIONS

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

#### BACKGROUNDS / BASES

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

#### COVERAGE

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

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

(1) Tiles must be grouted using BAL EASYPOXY AG.

(2) Prime with undiluted BAL Prime APD

(3) Primer – Dilute 1 part BAL PRIME APD to 1 parts water by volume

(4) In wet conditions tank out with BAL WATERPROOFING KIT FOR SHOWERS.

(5) Prime with BAL PRIME APD, first coat with 1:1 with water, second coat undiluted 90°C 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.

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

## SURFACE PREPARATION

### Primer

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

#### Before priming with 2 coats (second coat applied at 90° to the first):

- Use undiluted:
  - 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).

#### Before priming with 1 coat:

- Use diluted 1:1 with clean water on:
  - Plaster walls (when using a BAL ready-mixed adhesive), only if dusty or porous.
  - Cement screeds/concrete/brick/rendering

#### Before priming with 2 coats (second coat applied at 90° to the first):

- Use diluted 1:1 with clean water first coat, second coat undiluted:
  - Calcium sulphate screeds.
  - Anhydrite screeds.

The following substrates may require priming on the face of the board. Check suitability for the intended purpose with the manufacturer.

#### Before priming with 1 coat:

- Use undiluted or diluted 1:1 with water by volume (refer to board manufacturer for guidance):
  - Lightweight tile backer boards
  - Calcium silicate boards
  - Fibre-reinforced cement sheets

For levelling or waterproofing, refer to BAL product data sheet for priming guidance i.e. BAL Level Max or BAL WP1

## 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 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](http://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:

### BUILDING ADHESIVES LTD

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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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