

waterproofing kit

FOR SHOWERS

WP1 Waterproofing System

DESCRIPTION

Waterproof protection system for walls and floors.

Use for

- Providing complete waterproof protection of substrates (when used as part of tanking system) prior to fixing wall and floor tiles in dry or wet interior environments.

NOTE: *If required*, may be reinforced with polyester matting and tape.

- Suitable for areas where movement may occur (e.g. around drainage channels, junctions between walls/floors), and for preventing water penetration through suspended floors.
- Recommended for showers/bathrooms/kitchens/laundry and utility rooms, and around drainage channels/upstands/pipes/floor wastes.

Restrictions: NOT suitable for

- Exterior use.
- Total immersion.
- Barrier to prevent water ingress from background/base (e.g. DPM).

PRODUCT INFORMATION

Composition: Acrylic-based primer and coating, with polyester tape and matting.

Colour: Grey (coating)

Type/Classification: Exceeds BS EN 12004 C1FT

Pack sizes: Kit – 5kg/4.5m² Additional sizes available: 8kg (coating); 2.5 litre (PRIME APD)

Key features: Pourable and rapid-hardening. Sets in 3 hours.

USAGE & SERVICE CONDITIONS

Walls	✓	Floors	✓
Worktops	✓	Interior	✓
Dry	✓	Wet	✓
Showers	✓		

BACKGROUNDS/BASES

Concrete/Brickwork/Blockwork	✓
Partition Walls	✓
Timber Floors	✓
Plaster	✓
Plasterboard	✓
Plywood	✓
Glazed Tiles	✓
Cement:Sand/Anhydrite Screeds	✓
Cement:Sand Render	✓
Plywood Overlays (floors)	✓
Tile Backer Boards	✓

Usage: Bed-thickness/Time	
Bed-thickness	Setting Time*
1-2mm	24 hours – WP1 15 mins – APD

* Drying time will be extended in colder temperatures

Usage: Tools/Coverage	
Recommended Application Tool	Typical Coverage [^] at 1mm - thickness
Brush or steel float	1m ² /kg (coating) – WP1 5-10m ² /ltr – APD

[^] May vary dependent on nature and flatness of surface, and thickness of application

Temperature Resistance
-30°C to 100°C

SURFACE PREPARATION

Ensure surfaces are dry, sound, and free from grease, dust and any other contamination.

Before tanking, make good any uneven areas in the background/base.

Fill voids or gaps with suitable filler or sealant, and allow to cure.

Bridge gaps up to 1.5mm with BAL POLYESTER MATTING or TAPE.

SUITABLE SURFACES include:

Glazed tiles/backer/boards/vinyl etc.

Apply skim coat of BAL cement-based flexible adhesive prior to tanking – for wall areas BAL GRIP or BAL WHITE STAR may be used. Allow adhesive to dry.

Concrete; cement:sand screeds and rendering; plaster

Allow the following drying times for new structures:

- Concrete/concrete block walls/clay brickwork: 6 weeks
- Cement:sand screed: 3 weeks
- Cement:sand rendering: 2 weeks (3 weeks for swimming pools)
- BAL QUICKSET CEMENT:sand renderings and screeds: 24 hours
- BAL QUICKSET RENDER: 2 hours Plaster: 4 weeks

Partition walls; timber floors

Ensure adequate ventilation from behind or below.

APPLICATION/USAGE

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

Usage procedure

1. Prime all surfaces with BAL PRIME APD and allow to dry (15-30 mins).
2. Using a suitable brush or steel float, apply BAL WATERPROOF COATING at:
 - Internal and external corners of walls/partitions
 - Wall junctions with bases/upstands/columns
 - At pipe penetration points/drainage channels/outlets
 - Junctions of different bases/background materials
 - Cracks and joints in background/base
3. Reinforce with BAL POLYESTER TAPE.
4. Apply second coat of BAL WATERPROOF COATING over the BAL POLYESTER TAPE.
5. Using brush or steel float, apply BAL WATERPROOF COATING to primed walls at a max. 2mm thickness.
6. Apply BAL WATERPROOF COATING to primed floor.
7. Reinforce with BAL POLYESTER MATTING (may be cut to correct size with scissors).

If applying in heavy duty wet areas (e.g. communal showers and industrial wet process areas) and/or where some vibration or deflection in the base may be expected (e.g. timber bases):

8. Bed matting into coating and apply a second layer of BAL WATERPROOF COATING over top.
9. Allow membrane to dry for min. 24 hours before tiling.

When dry, background is suitable for BAL ready-mixed (walls only) or cementitious powder adhesives. No priming required.

NOTE: BAL WATERPROOF COATING does not provide a wearing surface and is designed for use with tiling.

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. Store between 5°C and 30°C.

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.

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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