

acrybase

Self-smoothing Compound

DESCRIPTION

Fast-hardening two-part (powder+liquid) self-smoothing compound.

Use for

- Laying on absorbent and non-absorbent substrates to prepare floor surfaces for installing ceramics, natural stone, sheet and soft furnishings in dry or wet interior and exterior environments.
- Recommended for heavily-trafficked areas and exterior floors.
- Floor depths: Feather-edge to 10mm or, with added 3mm granite chippings, 10-20mm.

IMPORTANT NOTE:

This product does NOT create a wearing surface.

PRODUCT INFORMATION

Composition: Two-part, acrylic-based, protein-free, self-smoothing compound.

Colour: Grey

Pack sizes: 23.5kg (powder) and 5 litre (liquid)

Key features: High strength and fast-hardening. Sets in 3 hours.

USAGE & SERVICE CONDITIONS

Floors	✓	Interior	✓
Exterior	✓	Dry	✓
Wet	✓		
Showers (a)			✓

BACKGROUNDS/BASES

Cement:Sand Screeds and Concrete with highly absorbent surface	✓
Cement:Sand Screeds and Concrete with low absorbency surface	✓
Cement:Sand Screeds with underfloor heating	✓
Hard floor surfaces	✓
Existing glazed ceramic tiles	✓
Anhydrite screeds	✓
Existing vinyl tiles	✓
Old adhesive residues	✓
Asphalt	✓

Usage: Bed-thickness/Time		
Bed-thickness	Pot Life	Setting Time*
0-20mm	30 mins	3-4 hours

* Drying time will be extended in colder temperatures.

** Can be walked on after 3-4 hours. 3mm thick bed ready to receive ceramic floor coverings after 4 hours.

Usage: Tools/Coverage	
Recommended Application Tool	Typical Coverage [^] at 3mm bed-thickness
Steel trowel	0.21m ² /kg of powder ^{^^}

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

^{^^}With Acrybase Liquid.

PREPARATION

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

All primed areas should be fully dry.

Ensure direct-to-earth sub-floors incorporate an effective dampproof membrane.

SUITABLE SURFACES include:

Asphalt (flooring grade)

Must be suitable grade for tiling; be clean and sound; and have adequate cohesive strength. No priming is needed.

Concrete; cement:sand screeds/anhydrite screeds

Must be fully cured and free from laitance, surface hardeners etc.

Absorbent cement:sand screeds and concrete

Prime with BAL PRIME APD or BAL PRIMER pre-diluted 1:1 with water.

Low-absorbent cement:sand screeds and concrete

Dampen with water before laying BAL ACRYBASE.

Anhydrite screeds

Prime with neat BAL PRIME APD or BAL PRIMER (2 coats).

Existing ceramic tiles, quarry tiles, terrazzo and natural stone

Ensure these are firmly bonded.

Cut out and make good any hollow/defective areas.

Old adhesive residues

Remove as much adhesive as possible.

Ensure all residual adhesive is soundly bonded.

No priming is needed.

Cement:sand screeds with underfloor heating

Switch off heating for MINIMUM 48 hours before and after application.

Prime floor surface with BAL PRIME APD or BAL PRIMER pre-diluted 1:1 with water.

Uneven Timber Floors (for soft floor finishes only)

Ensure sheets or boards are (i) dry, securely fixed and rigid; (ii) have adequate ventilation in voids beneath suspended timber floors at ground level.

Lay BAL ACRYBASE and allow to dry for 3 hours.

Screw down layer of 6-12mm plywood compliant with BS 6566 onto this levelled base.

NOTE: For further information on other substrates, contact BAL TECHNICAL ADVISORY SERVICE.

MIXING

1. Pour all BAL ACRYBASE LIQUID (5 litre) into clean container.
2. Gradually add all BAL ACRYBASE POWDER (23.5kg) to liquid and mix until smooth mortar is achieved.

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

APPLICATION/USAGE

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

Usage procedure

1. Pour mix over sub-floor and spread to required depth using steel trowel.

If requiring 10-20mm depth: bulk out mix with equal volume of 3mm granite chippings.

2. Trowel to achieve smooth surface.
3. Surface should be sufficiently smooth to receive floor coverings without further treatment.

If any trowel marks remain: rub down before compound has hardened.

4. Allow new floor surface to set. Dependent on thickness of application, this should be 3 hours. At 20°C and 3mm thickness, BAL ACRYBASE will be ready to receive ceramic tiles and natural stone floor coverings after 4 hours (or 24 hours for soft coverings).

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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Acrybase