BAL 25 YEAR GUARANTEE

CI/SfB Pr4

Date issued: **January 2011**

rapidbase

Self-smoothing Compound

DESCRIPTION

A high quality ultra rapid-hardening smoothing compound.

Use for

- The preparation of floors prior to the application of ceramic tile, natural stone, sheet vinyl and other soft floor coverings.

IMPORTANT NOTE:
This product does NOT create a wearing surface.

PRODUCT INFORMATION

Composition: Single-part, self-smoothing compound with polymer. The formulation is protein and ammonia free, and free of high alumina cement. Suitable for heated screeds.

Colour: Grey

Pack size: 20kg polythene lined bag

Key features: Fast setting, accepts foot traffic in 90 mins.

USAGE & SERVICE CONDITIONS

Floors	✓	Interior	✓
Dry	✓		

BACKGROUNDS/BASES

Cement:Sand Screeds (1) (2)	✓
Calcium Sulfate/Anhydrite Screeds (3)	✓
Heated Screeds	✓
Existing unglazed Ceramic Tiles, Quarries, Terrazzo and Natural Stone	✓
Ceramic tile adhesive residues	✓

(1) Where the surface is high absorbency, prime with BAL PRIME APD (diluted 1:1 by volume with water).
(2) Where the surface has low absorbency, dampen with clean water.
(3) Prime with 2 coats of BAL PRIME APD 1st coat diluted 1:1 with water. Apply second coat neat.

Usage: Bed-thickness/Time

Bed-thickness	Working Time 20°C	Setting Time 20°C
Feather-edge to 15mm	45 mins	Foot traffic after 90 minutes at 20°C Fixing Ceramic tiles after 2-3 hours* @ 3mm bed thickness

* Can receive ceramic or natural stone tiles after 2-3 hours at 20°C. A longer drying period will be required at thicker depths and/or lower site temperatures. Allow a minimum of 24 hours for soft floor coverings e.g. carpet, vinyl etc.

PREPARATION

Before starting any work ensure that the base is:

– Suitable for tiling in the service conditions to which it will be exposed.

– Sufficiently strong and rigid to support the tile finish.

– Free from efflorescence, laitance, dirt and other loose material. Remove by suitable mechanical methods.

– Free from deposits of oil, grease and other materials incompatible with the bedding. Remove using suitable mechanical methods.

– Clean. All tile and other non-porous surfaces should be cleaned down by washing with water containing detergent, then clean water.

– Dry. Direct to earth sub-floors must incorporate an effective damp-proof membrane.

SUITABLE SURFACES include:

Concrete; cement:sand screeds

Before tiling, allow the following drying times:

Concrete/concrete block walls/clay brickwork: 6 weeks

Cement:sand screed: 3 weeks

BAL QUICKSET CEMENT:sand screeds: 24 hours

Existing concrete/screed bases

Cut out all loose or hollow portions and make good with a 1:3 cement:sand mortar applied over a slurry bonding coat. Alternatively, make good with BAL STONE & TILE PTB (or BAL PTB FLEXIBLE) over a slurry bonding coat of 2 parts adhesive to 1 part BAL BOND SBR.

Carefully remove any soft or unsound residues of existing adhesive without damaging the base. Ensure remaining adhesive residue is sound and firmly bonded to the base.

Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone

Ensure these are firmly bonded.

Cut out and make good any hollow/defective areas with a 1:3 cement:sand mortar applied over a slurry bonding coat, Alternatively, make good with BAL RAPIDBASE, and allow to dry.

Calcium sulphate/anhydrite screeds

Must be dry (to below 0.5% water by weight or 75% Relative Humidity or less) and be free from all laitance, dust, dirt etc.

Prime with two coats of BAL PRIME APD 1st coat diluted 1:1 with water. Apply second coat neat and allow to dry.

Tiling to heated floors

Most tiling backgrounds are suitable for under-tile heating but contact BAL TECHNICAL ADVISORY SERVICE for further advice.

Before starting work ensure that:

– The screed has been allowed to dry out for at least 3 weeks if containing Portland cement to BS 12, class 42.5, or 1 week if containing BAL QUICKSET CEMENT.

– After drying out, the screed has been heated slowly at a maximum rate of 5°C per day to a temperature of 25°C and maintained at that level for 3 days before being allowed to cool to room temperature.

– The heating system has been turned off or in cold weather turned down to below 15°C.

– On completion of tiling ensure that 14 days elapse before the floor is brought to its operating temperature at a maximum rate of 5°C per day.

NOTE: For further information on other backgrounds and preparation, contact BAL TECHNICAL ADVISORY SERVICE.

MIXING

1. Add 5.0 parts powder to 1 part clean cold water by weight. (This 20kg bag requires approx. 4.0 litres water.)
2. Mix thoroughly until a smooth lump free mix 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: 45 mins (see NOTE)

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 a suitable steel finishing trowel.
2. Trowel to achieve smooth surface.
3. The mixed product will remain flowable for up to 30 minutes.
4. Surface should be sufficiently smooth to receive floor coverings without further treatment.

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

NOTE: Allow new floor surface to set. Dependent on thickness of application, a 5mm layer can receive foot traffic after 90 minutes.

NOTE: Ceramic tiles, mosaic, terrazzo, natural stone etc. should be installed in accordance with BS 5385, parts 1-5.

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 contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE on
Tel: 01782 591120 or 0845 600 1 222 or Fax: 01782 591121.

NOTE: The customer must verify the suitability of any information, opinion, recommendation or advice ("Information") provided by the Company for the particular application for which any goods are intended to be used and the company accepts no liability (whether in contract, tort or otherwise) whatsoever for any loss, damage or expense arising from the misuse of any Information it supplies nor for the use of any Information in or for applications which are unsuitable or inappropriate. Building Adhesives Ltd operates a continuous research and development programme and reserves the right to alter or to update Information from time to time.

POWERSPEC

BAL Powerspec is a computerised specification program specially designed to provide fast and accurate tiling specifications in NBS M40 format. It contains a specification generator, a product selector, product technical data and material safety data sheets. To build your own specifications, visit www.powerspeconline.com and simply follow the easy step-by-step instructions. Alternatively you can request a CD copy by telephoning 01782 591100.

SHELF LIFE

12 months under normal dry conditions. Protect from frost and damp. Store between 5ºC and 30ºC.

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.