

total bond

Exclusive to
Topps Tiles

Multi-Purpose Construction Adhesive and Sealant

DESCRIPTION

Multi-Purpose Construction Adhesive and Sealant for walls and floors.

Use for

- General shower, kitchen and bathroom repair adhesive and sealant for replacing tiles, fitting accessories such as soap dishes and finishing off joints.
- Bonding most construction materials including; glass, metal, PVC, acrylic or wood materials for WALL and FLOOR installations.
- Fixing of mirrors (excluding plastic type safety backed mirrors) to suitable substrates.
- For surfaces including:
 - Acrylic
 - Ceramic
 - Stone⁽¹⁾
 - PVC
 - Fibreglass⁽²⁾
 - Glass
 - Glazed
 - Metal
 - Wood
 - Painted surfaces⁽³⁾

PRODUCT INFORMATION

Composition: A solvent-free, one-part moisture curing adhesive and sealant based on silane modified polymer technology.

Colour: White

Type/Classification: Typical Shore Hardness: 50

Pack sizes: 310ml Cartridge

Key features:

- Extremely versatile
- High initial tack and bond strength
- Extremely flexible
- Can be used to seal movement joints in domestic installations
- When fully cured:
 - wide service temperature range (-40°C to +90°C)
 - unaffected by weather or UV radiation
 - Can be used in DRY and Intermittent WET environments
 - Can be over-painted

USAGE & SERVICE CONDITIONS

Walls	✓	Floors	✓
Interior	✓	Exterior	✓
Dry	✓	Intermittent Wet (a)	✓
Worktops (4)	✓	Showers (a)	✓
Limited Movement / Vibration	✓	Heated Screeds (5)	✓

USAGE: Bed Thickness / Time at 20°C

Bead Size	Typical Coverage
6 x 6mm	8.5m

TEMPERATURE RESISTANCE

-40°C to 90°C (short term of 15-20 minutes up to 150°C)

(1) Recommended to bond stone in internal, dry conditions subject to normal requirements regarding load-bearing of substrates. Testing is recommended for porous stone such as limestone. Suitable as perimeter sealant for domestic installations.

(2) Small, repair areas only.

(3) Paint must be fully bonded to background. Conduct tape test if required

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

(5) Check suitability for the intended purpose with the manufacturer.

Note:

(a) Do not use shower for at least 2 weeks following completion of grouting – BS 5385:Part 4:2009, clause 7.2.1.

SURFACE PREPARATION

General

Before applying, ensure that all surfaces are clean, dry, free from dust, grease and any contaminants that may affect adhesion.

Where high levels of chemical resistance are required, a BAL epoxy resin adhesive is recommended.

Application:

Do not apply at temperatures below 5°C or above 35°C and where the relative humidity is below 40%.

Recommended minimum joint depth: 6mm. For most applications, use in 6mmx6mm cross section.

BAL recommend a trial application to optimise the conditions for particular applications.

1. Cut off tip of cartridge, leaving thread intact.
2. Screw on nozzle.
3. Cut nozzle to required width and angle.
4. Place cartridge in caulking gun and apply approximately 6mm steady bead of Total Bond to required area. To assist in curing, leave a gap of approximately 50mm between beads.
5. Affix materials immediately if using as adhesive. If using for spot fixing repairs, ensure that the weight supported by the adhesive does not exceed the weight/m² that the substrate can support. Mirrors with a surface area of less than 1m² will require temporary support whilst the adhesive achieves full cure. Mirrors with a surface area greater than 1m² will require permanent support along the bottom edge of the mirror. To minimise the risk of chemical contamination from the wall finish affecting the mirror backing and to prevent moisture build up, it is recommended that an air gap of at least 3mm is left between the back of the mirror and the wall.
6. Remove any wet adhesive residue with a clean, white cloth dampened with soapy water. Dried adhesive must be scraped with a blade for removal.
7. Allow to cure (approx. 24 hours per 3mm thickness).

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.

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:

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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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