

# micromax sealant

## Antimicrobial anti-mould silicone sealant

### DESCRIPTION

Unique high performance ready to use silicone sealant with built-in Microban® antimicrobial protection for walls and floors.

#### Use for

- Sealing movement joints in FLOOR and WALL installations.  
For surface including sanitary, acrylic, fiberglass, glass, glazed, porcelain and painted in dry and wet interior and exterior environments.
- Correctly used and applied the bond obtained will be unaffected by weathering, UV radiation and immersion in water.

#### Restrictions: NOT suitable for

- Aquariums. Swimming pools\*, Concrete<sup>^</sup> and Natural stone.

\* Suitable for swimming pools when used with the specified silicone priming system.

<sup>^</sup> Prime using BAL PRIME APD and allow drying.

\*\* Microban being antimicrobial is not a substitute for regular cleaning and maintenance. Surface contamination e.g. soap residues, grease and dirt that can build up on the surface will act as an effective nutrient capable of supporting growth e.g. bacterial mould.

#### MIX/USAGE DATA

Application	Cure Time at 20°C **	Specific Gravity
Caulking Gun	24 hours	1.04/cm <sup>3</sup>

\*\* Drying time will be extended in colder temperatures, when applied on to low porosity surfaces.

#### COVERAGE

Bead Size	Coverage <sup>^^</sup>
6x6mm	2.83m/100ml

<sup>^^</sup>Coverage may vary dependent on size of bead.  
Maximum bead size 25mm.

#### TEMPERATURE RESISTANCE\*\*\*

-50°C to 200°C

\*\*\* Cured grout.

### PRODUCT INFORMATION

**Composition:** Ready to use acetoxycuring silicone sealant with built-in Microban®\*\*.

**Colours:** Tornado Sky, Storm Grey, Taupe Grey, Dovetail, Walnut, Hazel, Mahogany, Snow, White, Manilla, Gunmetal, Pebble, Ebony, Smoke, Jasmine and Anthracite.

Additional 'Inspiration' collections available at Topps Tiles only, including: Coffee, Pecan, Cedar, Cement, Ash, Lime, Antique White, Praline, Brooklyn, Graphite, Natural Light.

**Type/Classification:** Exceeds ISO 11600 and BS 5889 Type B requirements.

**Pack sizes:** 310ml cartridge

#### Key Features:

- Built-in Microban® antimicrobial protection
- Waterproof
- Excellent adhesion, better bonding and less shrinkage
- Extended shelf-life (24 months)

**Set in:** 24 hours (per 4mm thickness)

**When fully cured:** Wide service temperature range (-50°C to +200°C). Unaffected by weather, UV radiation or water immersion.

Microban® antimicrobial protection: inhibit growth of bacteria (e.g. Listeria, Salmonella, E-Coli) and black mould. Provides added hygiene protection for bathrooms, showers and food consumption areas.

Active biocide used to treat the article:  
2-Butyl-1,2-benzisothiazol-3-one.

## SURFACE PREPARATION

### General

For general information on construction of movement joints in tiling, reference should be made to BS5385: parts 1 – 5

Before sealing, ensure that:

The surfaces are clean, dry, and free from dust, grease and contaminants that affect adhesion.

- Non-porous surfaces should be degreased using white spirit or non-oily solvents.
- Wood should be painted.
- NOT suitable for use in Aquaria with lime-based cements and mortars or copper based metals. Do not apply to wet surfaces.
- May also be specified for swimming pools and similar wet duty situations provided that the recommended primer is used and that the sealant is given adequate time (at least 7 days) to cure throughout before wetting or immersion in water.

### APPLICATION

#### Sealant procedure

**Recommended maximum joint with depth: 6mm. For Movement joints or most applications, use in 6x6mm cross section.**

1. Cut off tip of cartridge, ensuring there is enough screw thread to attach the nozzle.
2. The cartridge nozzle should be cut to the required width and angle.
3. Place cartridge in caulking gun and apply steady bead of BAL MICROMAX SEALANT to required area.
4. The surface of the sealant should be tooled to a slightly concave finish within 10 minutes of application.
5. Smooth silicone with wet silicone tool/spatula or similar (NOTE: dilute soap or detergent solution may be used as tooling lubricants, but excessive use should be avoided as this may affect adhesion at the joint edges).
6. Tools should be cleaned immediately after use with a degreasing solvent
7. Masking tape must be removed immediately after tooling, before a skin forms on the surface of the sealant, to achieve a neat edge.
8. Allow to cure (approx. 24 hours per 4mm thickness).

## APPLICATION AREAS

Leisure Centres	✓
Bathrooms	✓
Changing Rooms	✓
Restaurants/Food Consumption Areas	✓
Domestic Kitchens	✓
Shopping Malls	✓
Breweries	✓
Food/Drink Processing Plants	✓
Hospitals/Dental Practices	✓
/Veterinary Surgeries	✓
Clean Rooms	✓

## USAGE & SERVICE CONDITIONS

Walls	✓	Floor (2)	✓
Interior	✓	Exterior	✓
Dry	✓	Wet	✓
Worktops (1)	✓	Showers (a)(1)	✓
Swimming Pools	✗	Limited Movement / Vibration	✓

(1) Tiles must be grouted using BAL ABSOLUTE GROUT for Food preparation /storage areas power showers with body jets/ Spas/ Jacuzzis/ Chemical Plants.

(2) Used on some floors depending on tile type and traffic, contact BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE.

(a) Do not use shower for at least 2 weeks after completion of grouting – BS 5385:Part 4 2015

**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 03330 030160 or Email: [info@building-adhesives.com](mailto:info@building-adhesives.com)

**SHELF LIFE**

24 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. While products may be suitable for installations internally or externally, products when used externally are exempt from cover under the BAL 25 Year Guarantee. Terms and conditions apply. Full details are available for your review at [www.bal-adhesives.com](http://www.bal-adhesives.com).*

**ARDEX GROUP WARRANTY**

ARDEX Group supplies products under a range of Brands into the UK and Ireland markets. This Warranty applies to BAL, ARDEX, Gutjahr, Wakol, Loba, wedi or Knopp products whether used individually or in combination provided they are used in accordance with the relevant product datasheets and the warranty terms and conditions are available on the website. This Warranty applies only to Products purchased and used in the UK and Ireland directly from one of the Brands or a Brand authorised stockist.

**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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