micromax

GROUT-EFFECT SEALANT

Grout effect matt finish 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, fibreglass, 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 and UV radiation.

Restrictions: NOT suitable for

- Aquariums, swimming pools, and natural stone.

**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

USAGE DATA

Application	Cure Time at 20°C ***	Specific Gravity
Caulking Gun	24 hours	1.04/cm³

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

COVERAGE

Bead Size	Coverage ^^
6mmx6mm	2.83m/100ml

^^Coverage may vary dependent on size of bead. Maximum bead size 25mm.

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	✓

TEMPERATURE RESISTANCE

-50°C to 180°C

PRODUCT INFORMATION

Composition: Ready to use acetoxy curing silicone sealant with built-in Microban®**.

Colours: White, Jasmine, Gunmetal, Smoke, Ebony, Anthracite, Dovetail, Hazel, Mahogany, Pebble, Storm Grey, Taupe Grey, Tornado Sky, Vintage Cotton, Hickory, Barley, Limestone, Dusk Blue, Serene Sea, Eucalyptus Green, Peppermint, Dusty Rose.

Available at Topps Tiles Only: Antique White, Ash, Brooklyn, Cedar, Coffee, Graphite, Lime, Natural Light, Praline, Forest Green, Light Oak, Medium Oak, Sage, Stone Beige.

Type/Classification: EN 15651 -1, -3, -4 XS1
Pack sizes: 310ml cartridge
Key Features:

- Unique matt textured silicone: grout-effect finish
- Built-in Microban® antimicrobial protection
- Excellent adhesion, better bonding and less shrinkage
- Easy to apply and smoothen

Set in: 24 hours (per 3mm thickness)

When fully cured: Wide service temperature range (-50°C to +180°C). Unaffected by weather and UV radiation. 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-octyl-2H-isothiazol-3-one

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

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.

APPLICATION

Sealant procedure

Recommended maximum joint with depth: 6mm. For Movement joints or most applications, use in 6mmx6mm 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 GROUT EFFECT SEALANT to required area.
4. The surface of the sealant should be tooled 15 minutes of application. **The maximum degree of matt finish is achieved by smoothing down once. Repeated smoothing of the silicone will continue to reduce the matt effect.**
5. Smooth silicone with wet silicone tool/spatula or similar (NOTE: dilute soup 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 3mm thickness).

BAL MICROMAX GROUT EFFECT SEALANT should be applied at a substrate temperature between +5°C and +40°C.

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.

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

SHELF LIFE

12 months under normal dry conditions. *Improved 24-month shelf-life for Forest Green, Light Oak, Medium Oak and Sage colours only.* 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.

CONDITIONS OF SALE

Sold subject to the Company's Conditions of Sale. *Available on request.*

For sales and technical queries, contact:

BUILDING ADHESIVES LTD
Longton Road, Trentham, Stoke-on-Trent, ST4 8JB, England
www.bal-adhesives.com

Sales
Tel: +44 (0) 1782 591160
Fax: +44 (0) 1782 591131

Technical
Tel: +44 (0) 1782 591120 or
+44 (0) 3330 030160
Email: info@building-adhesives.com

Ireland
Unit 622, Phase III
Northwest Business Park
Ballycoolin, Dublin 15, Ireland
Tel: +353 (0) 1 880 9210
Fax: +353 (0) 1 880 9211

NOTE: BAL reserves the right to update instructions, technical data and other information at any time without notice.

PorcelBond Plus™ is a trademark of Building Adhesives Ltd