

Technical Datasheet BM02

Version October 2022

BM02



Product Description

BM02 is a 1-component neutral alkoxy cure Low Modulus silicone sealant.

Typical Applications

- Perimeter sealing of PVCu, Brickwork and Metals.
- Remedial glazing.
- General weather sealing.
- Sealing translucent roof sheets.
- Industrial applications – Lead, Coated metals, HVAC.
- Internal sealing (not overpaintable).
- Curtain walling. Expansion joints.
- Bedding and sealing of IG units.

Technical Properties

Density	1.02
Shore A Hardness	25
Skin Formation Time (at 20°C)	20 minutes
Curing after 24 hours at 23° C/50% RH	2mm
Elongation at Break (ISO 8339)	300%
Elastic Recovery (ISO 7389)	>85%
Tensile Strength	0.7MPa
Movement Capability	25%
Ideal Processing Temperature	+5°C to +40° C
Long Term Temperature Resistance	-50°C to +100°C
Shelf Life	12 months

Properties

- Excellent toolability and easy to work with.
- Good tooling time.
- Silicone product – long service life, very high UV resistance.

Standards and Certifications

- BS EN ISO 11600 F/G 25LM
- UKCA Mark. Certified under EN15651. See separate Declaration of Performance for more details.

Important Information

- All adherent surfaces must be clean and free of release agents, grease, oil, dust, water, old adhesives and sealants and any other substances that could affect adhesion.
- For concrete, plaster, fibre cement, use of a primer is recommended.
- Not recommended for overpainting and for sealing of natural stone joints.
- Do not use as an aquarium/fish tank sealant.
- Good resistance to water, dilute acids, and alkalis.
- Aromatic solvents and hydrocarbons can have an impact on the product.

Packaging

- 310ml, 380ml cartridges
- Colours: White, Translucent, Black, Anthracite, Mid Grey, Agate Grey, Magnolia, Brick Red, Dark Bronze, Brown, Buff, Toffee, Pale Grey, RAL 7016

Safety Precautions & Disposal

Please refer to the information on our Safety Datasheet

Warranty

All information in this Technical Datasheet is based on our current technical knowledge and experience. As conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information on this sheet is not a warranty. The properties and characteristics stated on this sheet are indicative. We reserve the right to alter and change the product according to technical progress and new developments.

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