



SEALANTS • ADHESIVES • COATINGS

Technical Datasheet BM24

Version February 2024

BM24

Product Description

BM24 is a 1-component neutral cure alkoxy Low Modulus silicone sealant. Product has been specially formulated to have a non-gloss finish.

Typical Applications

Glass to Glass Assemblies.

Glass to Glass Joints.

Perimeter sealing of PVCu, Brickwork and Metals.

Remedial glazing.

Sealing translucent roof sheets.

Industrial applications – Lead, Powder Coated metals, HVAC.

Curtain walling.

Bedding and sealing of IG units.

Technical Properties

Density: 1.40

Shore A Hardness: 22

Skin Formation Time (at 20°C): 10 minutes

Curing after 24 hours at 23°C/50% RH: 2mm

Elongation at Break (ISO 8339): 250%

Modulus at 100% Elongation (ISO 8339): 0.4N/mm²

Elastic Recovery (ISO 7389): >85%

Tensile Strength (ISO 8339): 0.5 N/mm²

Movement Capability (ISO11600): 25%

Ideal Processing Temperature: +5°C to +40° C

Long Term Temperature Resistance: -50°C to +100°C

Shelf Life 12 months

Properties

Matt, non-gloss appearance.

Excellent toolability and easy to work with.

Good tooling time.

Neutral cure – non-corrosive to metals.

Silicone product – long service life (25 years plus under standard environmental conditions), 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

380ml cartridges.

Colours: Black

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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