



SEALANTS ADHESIVES & COATINGS

Technical Datasheet BM07

Version March 2023

BM07

Product Description

BM07 is a 1-component neutral cure oxime (MEKO-free) Low Modulus silicone sealant.

Typical Applications

Perimeter sealing of PVCu, Brickwork and Metals.

Remedial glazing.

General weather sealing.

Industrial applications – Lead, Coated metals, HVAC.

Internal sealing (not overpaintable).

Curtain walling.

Expansion joints.

Sanitary joints in bathrooms and kitchens.

Technical Properties

Density: 1.02

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 527-2): >500%

Elastic Recovery (ISO 7389): >70%

Tensile Strength (ISO 527-2): 1.3N/mm²

Volume Shrinkage (ISO 10563): <5%

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

Movement Capability: 25%

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

Long Term Temperature Resistance: -40°C to +100°C

Shelf Life: 12 months

Properties

Excellent toolability and easy to work with.

Silicone product – long service life, very high UV resistance.

Neutral cure system, free from acids and alkali components therefore suitable for metallic substrates

Contains fungicidal and biocidal agents for protection against mould and fungus growth.

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.

Although product contains fungicidal and biocidal agents, regular cleaning of the product is recommended to prevent build-up of dirt and soap residues which give a breeding ground for mould and fungus.

Packaging

600ml foils

Colours: Black

NB: Other colours and packaging may be available subject to minimum order quantities.

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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