

Technical Datasheet BM09

Version March 2023

BM09



Product Description

BM09 is an elastic high modulus sealant adhesive based upon MS Polymers for many construction applications.

Typical Applications

- Roof Lap Joint Sealing
- Grip Fill Adhesive Applications
- Cladding
- Internal and External uses
- Use as a Mirror Adhesive (NB: Not Recommended for Safety Backed Mirrors nor for mirrors greater than 1m² without permanent fixings)

Technical Properties

Density	1.60
Shore A Hardness	45
Skin Formation Time (at 20°C)	25 minutes
Curing after 24 hours at 23°C / 50% RH	2mm
Elongation at Break	500%
Tensile Strength:	1.60 N/mm ²
Tensile Strength at 100% Elongation:	1.1 N/mm ²
Volume Shrinkage:	< 5%
Ideal Processing Temperature	+5°C to +40°C
Long Term Temperature Resistance	-40°C to +90°C
Shelf Life	12 months

Properties

- Excellent toolability and easy to work with.
- Good adhesion to many common construction materials.
- Silicone and isocyanate free.
- Can be painted (NB please see Important Information Section).
- Low Odour.
- Good initial grab and green strength

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.
- Clean and remove any contaminants of the adherent surfaces.
- BM09 will adhere on condensed surfaces but final and long-term adhesion can be compromised.

- For concrete, plaster, fibre cement, masonry, stone, and other similar substrates the use of a primer is recommended.
- Good resistance to water, dilute acids and alkalis, aliphatic solvents.
- Aromatic solvents, concentrated acids and chlorinated hydrocarbons can have an impact on the product.
- BM09 does not stick to PE, PP, PC, PMMA, PTFE, Neoprene and Bituminous surfaces.
- BM09 can be painted but due to the large number of paints and coatings on the market we recommend compatibility and adhesion testing in advance.
- Not recommended as a glazing sealant or for aquariums/fish tanks.
- Not recommended for natural stone applications due to risk of migratory staining.
- BM09 has good UV resistance but can discolour under extreme conditions and prolonged exposure to UV light.

Packaging

- 290ml cartridges
- Colour: White
- NB; Other colours possible subject to certain minimum quantity orders

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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