



SEALANTS ADHESIVES & COATINGS

Technical Datasheet BM10

Version March 2023

BM10

Product Description

BM10 is a Crystal Clear elastic high modulus sealant adhesive based upon MS Polymers.

Typical Applications

General purpose sealing and bonding.
Invisible bonding of glass.
Internal sealing and external adhesive uses.

Technical Properties

Density: 1.05
Shore A Hardness: 45
Skin Formation Time (at 20°C): 5 minutes
Curing after 24 hours at 23° C/50% RH: 2mm
Elongation at Break: 250%
Tensile Strength: 1.20 N/mm²
Tensile Strength at 100% Elongation: 0.5 N/mm²
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.

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. BM10 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.

BM10 does not stick to PE, PP, PC, PMMA, PTFE, Neoprene and Bituminous surfaces BM10 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. BM10 has good UV resistance but can discolour under extreme conditions and prolonged exposure to UV light.

Packaging

290ml cartridges

Colour; Crystal Clear

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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