

Technical Datasheet BM03

Version June 2022

BM03



Product Description

BM03 is an elastic 1-component hybrid adhesive based upon MS Polymers for the bonding and sealing of EPDM rubber.

Typical Applications

- EPDM bonding and sealing.

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 |
| 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.
- Excellent adhesion to most common EPDM systems.
- Good adhesion to many common construction materials.
- Silicone and isocyanate free.
- Can be painted (NB please see Important Information Section).

Standards and Certifications

- BS EN ISO 11600 F 20HM

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. BM03 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.
- BM03 does not stick to PE, PP, PC, PMMA, PTFE, Neoprene and Bituminous surfaces
- BM03 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.
- BM03 has good UV resistance but can discolour under extreme conditions and long exposure to UV light.

Packaging

- 600ml foils
- 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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