



SEALANTS • ADHESIVES • COATINGS

Technical Datasheet BM15

Version June 2023

BM15

Product Description

BM15 is an elastic low modulus Polyurethane sealant for sealing floor joints and for use in many other expansion joint applications.

Typical Applications

Sealing joints in:

In-situ concrete

Precast concrete panels

Brick and blockwork

Agricultural constructions

Technical Properties

Density: 1.50

Shore A Hardness: 27

Skin Formation Time (at 20°C): 90 minutes

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

Elongation at Break: 700%

Elastic Recovery (ISO 7389): >70%

Tensile Strength at 100% Elongation: 0.3 N/mm²

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

Long Term Temperature Resistance: -40°C to + 80°C

Shelf Life: 12 months

Properties

Excellent toolability and easy to work with.

Good adhesion to many common construction materials.

Good UV resistance.

Standards and Certifications

BS EN ISO 11600 25LM (Facades and Pedestrian Walkways).

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.

For highly porous 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.

BM15 does not stick to PE, PP, PC, PMMA, PTFE, Neoprene and Bituminous surfaces. Not recommended as a glazing sealant or for aquariums/fish tanks.

Not recommended for natural stone applications due to risk of migratory staining.

Packaging

600ml foils

Colour: Grey

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.

BUILDMASTERUK LIMITED

Company Number: 13922165 Vat No: 412859588 sales@buildmasteruk.com

Unit 2, The Old Colliery Yard, Main Road, Morton, Alfreton, Derbyshire DE55 6HL