

Arbomeric MP10 is a one part Low Modulus Modified Polymer Sealant designed for movement joints in blockwork and brickwork, curtain walling and lightweight cladding. Arbomeric MP10 cures on exposure to moisture vapour to form an elastic rubber. Arbomeric MP10 is supplied in a range of colours. Arbomeric MP10 can be overpainted, but please check with Technical Service for advice, or undertake a pre-test to ensure compatibility.

MAIN APPLICATIONS

Recommended for use in many forms of construction including perimeter sealing in curtain walling, perimeter sealing of polyester powder coated frames, structural joints in brickwork and blockwork and joints in lightweight cladding.

NB. It is not recommended for floor joints.

All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000 Part 16, the British Standard for the sealing of joints in buildings using sealants.

Application

Arbomeric MP10 is supplied in polyethylene 380ml cartridges and can be applied into the joint using an Arbo Caulking Gun.

APPLICATION INSTRUCTIONS

Joint preparation

The joint surfaces must be clean, dry and free from all contamination. The surfaces should be degreased using the appropriate Arbo Cleaner. Primers may be required on some substrates. It is recommended that Adsheed Ratcliffe Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.



TECHNICAL DATA

Skin Time at 20°C/65% RH:	30 minutes
Application temperature:	+5°C to + 35°C
Service temperature:	-40°C to +90°C
Typical Shore Hardness:	Shore A
Chemical resistance:	Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion
UV resistance:	Very good
Service life:	20 years +
Movement Accommodation:	
Butt joints (movement in tension and compression):	70 % Do not exceed \pm 33 % in any one direction
Lap joints (movement in shear):	150 % Do not exceed \pm 66 % in any one direction
Colours:	White, Grey, Portland, Buff, Limestone
Modulus @ 100 % Extension:	0.29 N/mm ²
Ultimate Elongation:	550 %
Tensile Strength @ Break:	0.45 N/mm ²

JOINT SIZE SUITABILITY**Joint Width**

Minimum 6mm

Maximum 25mm (single application); 35mm (multiple applications)

Joint Depth

Minimum 10mm on porous substrates

Minimum 6mm on non-porous substrates

Maximum 18mm

Width: Depth ratio (within above min/max restrictions)

2:1 butt joints

1:1 lap joints

PACKAGING

25 x 380ml Polyethylene Cartridges per box.
Polyethylene Nozzles are included in each box.

STORAGE LIFE

12 months in original unopened packaging stored in a cool, dry place out of direct sunlight.

HEALTH AND SAFETY

Arbomeric MP10 is non hazardous. Please consult Material Safety Data Sheet for full information.

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ACCESSORIES**Primers**

Arbo Primer 2650 (500ml tin) Yield approximately 125 metres per tin

Cleaners

Arbo Cleaner No.17- 1 Litre Tin
(Xylene based – not suitable for use with plastics or delicate finishes)
Arbo Cleaner No. 16 - 1 Litre Tin
(Alcohol Based)

Ancillary Equipment

Polyethylene Nozzles
Arbo Caulking Guns
Tooling Block/Tooling Sticks
Blue wipe cleaning roll
Latex/Gripz Gloves

QUANTITY ESTIMATOR

JOINT SIZE (MM)	METRES/ LITRE
6 x 6	27.8
9 x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F – 25 LM



Certified under the Harmonized European Standard EN15651. Please refer to separate Declaration of Performance for more details.

IMPORTANT: The information in this leaflet is given in good faith and based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

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