INTRODUCTION
Arbomeric MP10 is a one part Low Modulus Modified Polymer Sealant which cures on exposure to moisture vapour to form an elastic rubber. This product is a non silicone and can be painted.

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.

SPECIFICATION COMPLIANCE
BS EN ISO 11600 – F – 25 LM

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 Ashhead 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.

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

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.

COLOURS
White, Black, Grey, Portland, Buff, Limestone

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.

TECHNICAL DATA
Skin Time at 20º C/65 % RH: 30 minutes
Application Temperature: + 5º C to + 35º C
Service Temperature: - 40º C to + 90º C
Typical Shore A Hardness: 30
Cure Rate at 20º C/65 % RH: 1 - 2mm/24 hours
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 ± 33 % in any one direction Lap joints (movement in shear): 125 %. Do not exceed ± 66 % in any one direction
Modulus @ 100 % Extension: 0.29 N/mm²
Ultimate Elongation: 550 %
Tensile Strength @ Break: 0.45 N/mm²
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

QUANTITY ESTIMATOR

<table>
<thead>
<tr>
<th>Joint Size (mm)</th>
<th>Metres/Litre</th>
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<tbody>
<tr>
<td>6 x 6</td>
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