DESCRIPTION
Arbosil LM is a one part Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber.

MAIN APPLICATIONS
Recommended for perimeter sealing of PVCu frames and sealing joints in brickwork, the MVP and Heel Bead methods of glazing insulating glass units, remedial glazing, and sealing joints in translucent roofing sheets.

It is not recommended for overpainting, use in glass wall assemblies and use against natural stone.

SPECIFICATION COMPLIANCE
BS EN ISO 11600 – F/G – 25 LM
BS 5889 Type A: 1989

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 Adshead 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
Arbosil LM is supplied in polyethylene 310 and 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); 50mm (multiple applications)

Joint Depth
Minimum 10mm on porous substrates
Minimum 6mm on non-porous substrates
Maximum 15mm

Width: Depth ratio (within above min/max restrictions)
2:1 butt joints
1:1 lap joints

PACKAGING
25 x 310ml or 380ml Polyethylene Cartridges per box. Polyethylene Nozzles are included in each box.

COLOURS
White, Black, Grey, Translucent, Anthracite, Brown, Buff, Dark Bronze, Portland, Rustic Red, Magnolia

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

HEALTH AND SAFETY
Contains Oximosilanes (Not Translucent Grade). Please consult Material Safety Data Sheets for full information. LM Translucent has its own Material Safety Data Sheet.

TECHNICAL DATA
Skin Time at 20º C/65 % RH (Coloured Grades): 10 minutes
Skin Time at 20º C/65 % RH (Translucent Grade): 20 minutes
Application Temperature: + 5º C to + 40º C
Service Temperature: - 40º C to + 120º C
Typical Shore A Hardness: 30
Cure Rate at 20º C/65 % RH: 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: 25 years+
Movement Accommodation: Butt joints (movement in tension and compression): 50 %. Do not to exceed ± 33 % in any one direction. Lap joints (movement in shear): 100 %. Do not to exceed ± 66 % in any one direction.
ACCESSORIES

Primer
Arbo Primer 2650 (500ml tin) Yield approximately 125 metres per tin
Arbo Primer 2402 (500ml tin) Yield approximately 200 metres per tin
Arbo Primer 2172 (500ml tin) Yield approximately 200 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>
<td>27.8</td>
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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.

Arbo sealants are manufactured in the U.K. by Adshead Ratcliffe.