

ARBO

ARBOSIL LMS

Arbosil LMS 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, glazing insulating glass units, remedial glazing, and sealing joints in translucent roofing sheets.

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

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 Adshedd 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 LMS is supplied in polyethylene 310 and 380ml cartridges and can be applied into the joint using an Arbo Caulking Gun



TECHNICAL DATA	
Colours	White, Black, Grey, RAL 7016, RAL 7022, Light Grey, Anthracite, Brown, Buff, Dark Bronze, Portland, Rustic Red, Magnolia.
Skin Time at 20° C/65 % RH:	10 minutes
Application Temperature:	+ 5° C to + 40° C
Service Temperature:	- 40° C to + 120° 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 %.
Lap joints (movement in shear):	100 %.

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

STORAGE LIFE

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

HEALTH AND SAFETY

Contains Oximosilanes. Please consult Safety Data Sheet for full information.

PACKAGING

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

ACCESSORIES

Primers

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

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/G – 25 LM

BS 5889 Type A: 1989

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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