

ARBO Seal Pro®

ARBOSIL HM

Arbosil HM is a one-part Acetoxy Cure Silicone Sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber. This product contains a fungicide to make it resistant to fungus and mildew. Arbosil HM bonds well to acrylic, ceramic, glass and laminate surfaces, and will not discolour during its service life, whilst maintaining good elasticity.

Main Applications

Arbosil HM is recommended for sealing around sanitary fittings including baths, showers, urinals, sinks and wash basins in both domestic and commercial locations and is suitable for use in areas of high humidity.

Arbosil HM can also be used to seal around laminates and worktops and suitable for both interior and exterior use.

NB: Arbosil HM is not recommended for: Overpainting, use against most metals use against natural stone. Contact ARBO® Technical Services for advice regarding which ARBO product to use in specific instances.

Application Instructions

Joint Preparation

The joint surfaces must be clean, dry and free from all contamination and any loose materials. The surfaces should be degreased using the appropriate ARBO Cleaner.

ARBO primer may be required on some substrates. Contact ARBO Technical Services for advice regarding ARBO primer.



A part of

ARBOSIL HM

Joint Backing

Where applicable, use closed cell, cross-linked polyethylene foam.

Application

Arbosil HM is supplied in 310ml cartridges and can be applied into the joint using an ARBO Caulking Gun. All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000-16:1997 + A1:2010 the British Standard for the sealing of joints in buildings using sealants.

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 15mm.

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

2:1 butt joints
1:1 lap joints/floor joints

Health and Safety

Please consult the Safety Data Sheet for full information.

Storage Life

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

Packaging

25 x 310ml Polyethylene Cartridges per box. Polyethylene nozzles are included in each box.

Accessories

Primers

ARBO Primer 2650 (500ml tin).
Please refer to ARBO Technical Services regarding the use of primer.

Cleaners

ARBO Cleaner No. 15 - 500ml tin (Ketone based - suitable for unpainted metal, concrete, brick and glass)
ARBO Cleaner No. 16 - 1 Litre tin (Xylene based - suitable for unpainted metal, concrete and brick)
Contact ARBO Technical Services for advice on which ARBO cleaner to use.

Ancillary Equipment

Polyethylene nozzles
ARBO caulking guns
ARBO silicone tooling block
Latex gloves
Two ply small blue wipes

Technical Data

Skin Time at 20° C/65 % RH:	10-20 minutes
Application Temperature:	+ 5° C to + 50° C
Service Temperature:	- 50° C to + 150° C
Cure Rate at 20° C/65 % RH:	2mm/24 hours
Chemical Resistance:	Resistant to most alkalis and dilute acids; organic solvents may cause the sealant to swell and lose adhesion, but do not directly dissolve the sealant.
UV Resistance:	Very good
Service Life:	25 years +
Movement Accommodation:	Butt joints (movement in tension and compression): 25 %. Lap joints (movement in shear): 50 %
Colours	White, Black, Translucent, Aluminium, Jasmine, Manhattan.

Specification Compliance

BS EN ISO 11600 F/G 20LM

Quantity Estimator

Joint Size (mm)	Metre/Litre
6 x 6	8.61
9 x 6	5.74
12 x 9	2.87
18 x 10	1.72
25 x 10	1.24

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. It is the user and specifier's responsibility to ensure ARBO product is suitable for the intended use: consult ARBO Technical Services for specific advice. 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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