

ARBO

ARBOSIL HM

ARBOSIL HM

Arbosil HM is a One-part High Modulus 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, metal, glass and laminate surfaces, and will not discolour during its service life, whilst maintaining good elasticity.

MAIN APPLICATIONS

This product is recommended for the sealing around all types of sanitary fittings including baths, showers, urinals, sinks and wash basins in both domestic and commercial locations.

It is suitable for use in areas of high humidity.

Can be used as to seal around laminates and worktops.

Suitable for both interior and exterior use.

Use for sealing of aluminium sheets and components.

Use as an adhesive to bond PVC trims.

NB: It is not recommended for overpainting, or use against most metal surfaces particularly soft metals like brass or lead, and is not for use against natural stone. (Contact Adshead Ratcliffe Technical Services for advice on which product to use against these substrates).



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. 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.

Application

Arbosil HM is supplied in 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 Part 16, the British Standard for the sealing of joints in buildings using sealants.

TECHNICAL DATA

Colours	White, Black, Translucent, Aluminium, Jasmine, Manhattan.
Skin Time at 20° C/65 % RH:	10 minutes
Application Temperature:	+ 5° C to + 50° C
Service Temperature:	- 50° C to + 150° C
Typical Shore Hardness:	20
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 %. Do not exceed ± 20 % in any one direction
Lap joints (movement in shear):	50 %. Do not exceed ± 40 % in any one direction

CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom

Derby Road | Belper
Derbyshire

DE56 1WJ
United Kingdom

T +44 (0)1773 826661 E arbo@arbo.co.uk
F +44 (0)1773 821215 www.arbo.co.uk

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

STORAGE LIFE

12 months in original unopened package

stored in a cool, dry place out of direct

sunlight. Protect from frost.

HEALTH & SAFETY

No particular health hazards are associated

with this product but please consult Material

Safety Data Sheet for full information.

PACKAGING

25 x 310ml plastic cartridges. 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)

Please refer to Adshead Ratcliffe Technical Services for which primers to be used with individual substrates.

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)

Please refer to Adshead Ratcliffe Technical Services for advices on which cleaner to use.

Ancillary Equipment

Polyethylene Nozzles

Arbo Caulking Guns

Arbo Silicone Tooling Block

Latex Gloves

Two Ply Small Blue Wipes

SPECIFICATION COMPLIANCE

BS EN ISO 11600 F/G 20HM



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

QUANTITY ESTIMATOR

JOINT SIZE (MM)	METRES/LITRE
6 x 6	27.75
9 x 6	18.50
12 x 9	9.25
18 x 10	5.55
25 x 10	4.0

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.

CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom

Derby Road | Belper
Derbyshire

DE56 1WJ
United Kingdom

T +44 (0)1773 826661
F +44 (0)1773 821215

E arbo@arbo.co.uk
www.arbo.co.uk