

**ARBO Seal Pro®**

# ARBOSIL HM

Arbosil HM is a one-part Acetoxycure 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.



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## 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

<b>Skin Time at 20° C/65 % RH:</b>	10-20 minutes
<b>Application Temperature:</b>	+ 5° C to + 50° C
<b>Service Temperature:</b>	- 50° C to + 150° C
<b>Cure Rate at 20° C/65 % RH:</b>	2mm/24 hours
<b>Chemical Resistance:</b>	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.
<b>UV Resistance:</b>	Very good
<b>Service Life:</b>	25 years +
<b>Movement Accommodation:</b>	Butt joints (movement in tension and compression): 25 %. Lap joints (movement in shear): 50 %
<b>Colours</b>	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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