

## ARBOSIL 1081

Arbosil 1081 is a one part Acetoxy Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber. Arbosil 1081 White and Black contain a fungicide to help reduce the incidence of mould growth when used in kitchens, bathrooms and other sanitary applications. Arbosil 1081 Translucent does not contain a fungicide and is recommended for use in the production of fish tanks and aquariums.

### MAIN APPLICATIONS

Recommended for use around baths, showers, sinks, wash basins, kitchen worktops and many other sanitary and internal applications. Recommended for shop fronts, show cases and glass to glass joints. White and Black contain a fungicide to inhibit mould growth. Recommended for the production of fish tanks and aquariums (translucent only).

**NB:** Not recommended for overpainting, use against most metals 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 Adthead 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 1081 is supplied in polyethylene 310ml cartridges and can be applied into the joint using an Arbo Caulking Gun

## TECHNICAL DATA

Colours	White, Black, Translucent
Skin Time at 20° C/65 % RH:	10 minutes
Application Temperature:	+ 5° C to + 40° C
Service Temperature:	- 40° C to + 150° C
Typical Shore Hardness:	20
Cure Rate at 20° 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): 25 %. Do not exceed $\pm$ 33 % in any one direction
Lap joints (movement in shear):	50 %. Do not exceed $\pm$ 66 % in any one direction

### JOINT SIZE SUITABILITY

#### Joint Width

Minimum 6mm

Maximum 25mm

#### 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 & SAFETY

No particular health hazards associated with this product but please consult Material Safety Data Sheet for full information.

### PACKAGING

25 x 310ml Polyethylene Cartridges per box.

Polyethylene Nozzles are included in each box.

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## 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 11600 F/G – 20 HM

BS5889:1989 Type B



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

**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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