

**ARBO Seal Pro®**

# ARBOSIL 1096 S

Arbosil 1096 S is a one-part Low Modulus Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber.

## Main Applications

Recommended for use in many forms of construction including glass to glass joints, curtain wall assemblies, perimeter seals on curtain walling, perimeter sealing of polyester powder coated and PVCu frames and glazing of windows in swimming pool buildings. Suitable for use as a weather seal with structural glazed assemblies. NB: It is not recommended for overpainting 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. ARBO Primer 2650 is recommended on porous materials such as brickwork and concrete. It is recommended that ARBO Technical Services be consulted regarding the use of more for specific purposes.

### Joint Backing

Where applicable, use closed cell, cross-linked Polyethylene foam. All joint preparation, priming, and sealant application should be carried out in accordance with BS8000 -16: 1997 + A1: 2010 the British Standard for the sealing of joints in buildings using sealants.



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## Application

Arbosil 1096 S is supplied in polyethylene 380ml cartridges and can be applied into the joint using an ARBO Caulking Gun.

## 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

## Health and Safety

Please consult the Safety Data Sheet for full information.

## Packaging

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

## Accessories

### Primers

ARBO Primer 2650 (500ml tin)

### Cleaners

ARBO Cleaner No.17-1 Litre Tin

### Ancillary Equipment

Polyethylene Nozzles  
ARBO Caulking Guns

## Technical Data

<b>Colours:</b>	White, Black, Grey, Translucent, Anthracite, Mahogany, RAL7016
<b>Skin Time at 20° C/65 % RH:</b>	8-12 minutes
<b>Application Temperature:</b>	+ 5° C to + 50° C
<b>Service Temperature:</b>	- 50° C to + 150° C
<b>Typical Shore Hardness:</b>	25 - 30
<b>Cure Rate at 20 °C/ 65 % RH:</b>	2mm/24 hours
<b>Chemical Resistance:</b>	Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion.
<b>UV Resistance:</b>	Very good
<b>Service Life:</b>	25 years +
<b>Movement Accommodation:</b>	Butt joints (movement in tension and compression): 50 %. Lap joints (movement in shear): 100 %.

## 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. 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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