

**ARBO Seal Pro**<sup>®</sup>**ARBOSIL 1081**

Arbosil 1081 is a one-part Acetoxo Cure Silicone Sealant which cures 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.

**Main Applications**

Recommended for use around baths, showers, sinks, wash basins, kitchen worktops and many other sanitary and internal applications. 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. ARBO Primer 2650 may be required on some substrates. It is recommended that ARBO Technical Services be consulted regarding other uses of primer in specific instances.

**Joint Backing**

Where applicable, use appropriately sized closed cell, cross-linked Polyethylene foam. 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.

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# ARBOSIL 1081

## Application

Arbosil 1081 is supplied in polyethylene 310ml cartridges and can be applied into the joint using an ARBO Caulking Gun.

## Joint Size Suitability

### Joint width

Minimum 6mm  
Maximum 25mm

### Joint depth

Minimum 10mm on porous substrates.  
(12mm in floor joints)  
Minimum 6mm on non-porous substrates. (12mm in floor joints)  
Maximum 20mm.

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.

## Storage Life

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

## Packaging

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

## Accessories

### Primers

ARBO Primer 2650 (500ml tin)  
Yield approximately 125 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

## Technical Data

<b>Skin Time at 20° C/65 % RH:</b>	20-30 minutes
<b>Application Temperature:</b>	+ 5° C to + 35° C
<b>Service Temperature:</b>	- 40° C to + 120° C
<b>Chemical Resistance:</b>	Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion. Strong cleaning agents can cause surface deterioration and may affect the efficiency of the material.
<b>UV Resistance:</b>	Very good
<b>Service Life:</b>	20 years + (when used in trafficked areas the life may be reduced)
<b>Movement Accommodation:</b>	Butt joints (movement in tension and compression): 35 %. Lap joints (movement in shear):
<b>Colours</b>	White, Grey, Black
<b>Modulus @ 100 % Extension:</b>	1.0 - 1.12 N/mm <sup>2</sup>
<b>Ultimate Elongation:</b>	220%
<b>Tensile Strength @ Break:</b>	1.3-1.6 N/mm <sup>2</sup>
<b>Typical Shore Hardness</b>	40 - 45

## Specification Compliance

BS EN ISO 11600 – F – 20 HM

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.



CARLISLE® Adsheed Ratcliffe & Co. Ltd

United Kingdom  
Derby Road | Belper

Derbyshire  
DE56 1WJ

T +44 (0)1773 826661

E info.arbo@ccm-europe.com  
www.arbo.co.uk

**CARLISLE**  
CM EUROPE