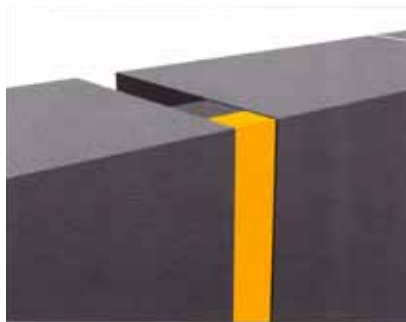


## INTRODUCTION

Arbosil XL1099 is a Non-Staining one part Low Modulus Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber.

## MAIN APPLICATIONS



Non-Stain Caulking

Specifically designed for use against Marble, Granite, Pre Cast Concrete and other sensitive natural or man made substrates where other sealants may cause staining problems.

Also recommended for sealing perimeter floor joints, PVCu and Aluminium window frames and many other common construction applications.

It is not recommended for overpainting, or for use in floor joints over 6 mm wide.

**NB:** Adhesion and/or compatibility testing may be required on certain substrates, please contact Adshead Ratcliffe Technical Service Department for further information.

**NB:** Not recommended for overpainting and use with laminated glass.

## SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F/G – 20 LM  
BS 5889 Type A: 1989

## 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 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.

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 XL1099 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

## PACKAGING

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

## COLOURS

White, Black, Grey, Anthracite, Limestone, Buff, Portland, Rustic Red, Terracotta (*Special colours can be made to order subject to minimum batch size quantities. Please contact Adshead Ratcliffe Technical Services Department for further information.*)

## STORAGE LIFE

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

## HEALTH AND SAFETY

Contains Oximosilanes. Please consult Material Safety Data Sheet for full information.

## TECHNICAL DATA

Skin Time at 20° C/65 % RH:	8 minutes
Application Temperature:	+ 5° C to + 50° C
Service Temperature:	- 50° C to + 150° C
Typical Shore A Hardness:	30
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): 50 %. Do not exceed ± 33 % in any one direction
Lap joints (movement in shear):	100 %. Do not exceed ± 66 % in any one direction

## 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

<b>Joint Size (mm)</b>	<b>Metres/Litre</b>
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

**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.

Arbo sealants are manufactured in the U.K. by Adshead Ratcliffe.