ARBOSEAL PRO®

ARBOSIL XL1099 S

Arbosil XL1099 S 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

Specifically designed for use against Marble, Granite, Pre-Cast Concrete and other sensitive natural or manufactured substrates where other sealants may cause staining problems. Also recommended for sealing perimeter floor joints, uPVC and Aluminum 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 ARBO® Technical Service Department for further information.
NB: Not recommended for overpainting and use with laminated glass.

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 natural stone, concrete, and other porous materials. It is recommended that ARBO® Technical Services be consulted regarding the choice of primer for specific purposes.

Joint Backing

Where applicable, use appropriately sized cross–linked, closed cell 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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Application

Arbosil XL1099 S is supplied in polyethylene 380 ml cartridges and can be applied into the joint using an ARBO® Caulking Gun.

Joint Size Suitability

Joint width
Minimum 6 mm.
Maximum 25 mm (single application); 50 mm (multiple applications).

Joint Depth
Minimum 10 mm on porous substrates.
Minimum 6 mm on non-porous substrates.
Maximum 15 mm.

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

Accessories

Primers
ARBO® Primer 2650 (500 ml 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	
Colours:	White, Black, Grey, Anthracite, Limestone, Buff, Portland.
Skin Time at 20 °C/65 % RH:	10–15 minutes
Application Temperature:	+ 5 °C to + 50 °C
Service Temperature:	- 50 °C to + 150 °C
Typical Shore Hardness:	25–30
Cure Rate at 20 °C/ 65 % RH:	2 mm/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
Movement Accommodation:	Butt joints (movement in tension and compression): 50 %. Lap joints (movement in shear): 100 %.

* (Special colours can be made to order subject to minimum batch size quantities. Please contact Adshead Ratcliffe Technical Services Department for further information).

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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