

ARBO Seal Pro[®]

ARBOSIL 1070

Arbosil 1070 is a one-part Low Modulus Fire Resisting Silicone Sealant which cures on exposure to moisture vapour to form a very elastic silicone rubber. Arbosil 1070 has good adhesion to concrete and many other common construction substrates.

Main Applications

Recommended for sealing movement joints and other details to prevent the passage of fire. Fire resistance of up to 4 hours has been independently verified.

NB: Not recommended for use in floor joints unless specifically approved by ARBO[®] Technical Services.

Application Instructions

Joint Preparation

Surfaces must be clean, dry and free from all contamination. Use ARBO Cleaner as appropriate. Prime surfaces with ARBO primer 2650 as appropriate.

Joint Backing

Mineral wool or closed cell polyethylene foam as appropriate and as per fire tests.

Consult ARBO Technical Services for specific advice on all of the above regarding the use of Arbosil 1070.



A part of

ARBOSIL 1070

Application

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.

Ensure all use of sealant is within the scope of the Arbosil 1070 fire tests and accords with joint seal dimensions; backing materials and any other considerations necessary to achieve a specific level of fire integrity. Copies of the fire tests are freely available from ARBO Technical Services.

Joint Size Suitability

Joint size

Maximum 20mm.

Width: Depth ratio (within above min/max restrictions)
Please contact ARBO Technical Services Department.

Health and Safety

Please consult the Safety Data Sheet for full information.

Storage Life

9 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

Technical Data

Colours:	Grey, Black.
Skin Time at 20° C/65 % RH:	20-30 minutes
Application Temperature:	+ 5° C to + 50° C
Service Temperature:	- 50° C to + 120° C
Typical Shore Hardness:	20 - 25
Cure Rate at 20 °C/ 65 % RH:	1mm/24 hours
Chemical Resistance:	Not recommended where there will be direct contact with chemicals unless specifically approved by ARBO.
UV Resistance:	Very good
Service Life:	25 years +
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 Adsheed Ratcliffe Technical Services Department for further information).

Specification Compliance

BS EN ISO 11600 – F/G – 25 LM
BS 5889 Type A: 1989
Warringtonfire Report 523486
Warringtonfire Report 534336

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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