

# ARBO

## Arbo XL1075

A high quality general purpose intumescent sealant with acoustic properties.

Tested in joints up to 50 mm wide and 4 hours resistance.

Arbo XL1075 is a one part Acoustic, Fire Resistant, Water Based Acrylic Sealant.

When subject to flame, Arbo XL1075 will intumesce, blocking the passage of fire and smoke.

Arbo XL1075 has good adhesion to a wide variety of common construction substrates without the need of a primer.

### MAIN APPLICATIONS

Recommended for the sealing of internal fire joints, for use in fire resistant doors and partitions.

For use in blockwork and brickwork joints where low movement accommodation is required.

Recommended where sound reduction properties are required.

Fire resistance of 4 hours has been independently verified.

**NB:** Not recommended for use in high movement joints and for use in external joints.

### SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F/G – 7.5P

Fire Testing to BS 476 Part 20: 1987;

Warrington Report No: 63282

Warrington Report No: 116997

Warrington Report No: 119344

Warrington Report No: 123325/A

Fire Testing: EN 1366-4

Warrington Report No: 383575A

Fire Testing: EN13501-1:2007+A1:2009

Warrington Report No: WF 335749



**UK  
CA**

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## 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. mineral wool or closed cell polyethylene foam, should be used to provide the correct joint depth (see chart for joint dimensions required for fire integrity values).

### Application

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.

Arbo XL1075 is supplied in polyethylene 310ml cartridges and can be applied using an Arbo Caulking Gun

## JOINT SIZE SUITABILITY

### Joint Width

Minimum 6mm

Maximum 25mm (single application); for advice on multiple applications please contact Adshead Ratcliffe Technical Services Department.

### Joint Depth

Minimum 10mm on porous substrates

Minimum 6mm on non-porous substrates

Maximum 25mm

### Width:Depth ratio (within above min/max restrictions)

Please contact Adshead Ratcliffe Technical Services Department.

Generally, joints should be as narrow as possible to minimize exposure to fire.

## PACKAGING

25 x 380ml Polyethylene Cartridges per box.

Polyethylene Nozzles

are included in each box.

## COLOURS

White, Grey,

## STORAGE LIFE

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

## HEALTH AND SAFETY

No particular hazards with this product but please consult Safety Data Sheet for full information.

## 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**

|  |   |
|--|---|
| Skin Time at 20° C/65 % RH:                        | 5 minutes   |
| Application Temperature:                           | + 5° C to + 40° C   |
| Service Temperature:                               | - 10° C to + 70°C   |
| Typical Shore A Hardness:                          | 30  |
| Cure Rate at 20° C/65 % RH:                        | Dependent upon sealant depth, ambient temperature and humidity.   |
| Service Life:                                      | 15 years+   |
| Chemical Resistance:                               | Fair resistance to most dilute acids and alkalis. Poor resistance to organic solvents   |
| UV Resistance:                                     | Not Applicable  |
| Paintability:                                      | Paintable with water based paints 3 hours after application.<br>Paintable with gloss paints 12 hours after application<br>Movement Accommodation: |
| Butt joints (movement in tension and compression): | 10%   |
| Lap joints (movement in shear):                    | 20 %.   |

**QUANTITY ESTIMATOR**

| Joint Size (mm) | Metres/Litre |
|-----------------|--------------|
| 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          |

**FIRE TEST RESULTS SYNOPSIS**

| Joint Size (mm) | Backing Material   | Integrity (minutes) |
|-----------------|--------------------|---------------------|
| 15 x 10         | Foam Polyethylene  | 240                 |
| 15 x 20         | Foam Polyethylene  | 240                 |
| 30 x 12         | Rockwool           | 240                 |
| 30 x 12         | Foam Polyethylene* | 240                 |
| 35 x 12         | Rockwool           | 240                 |
| 50 x 25         | Foam Polyethylene  | 240                 |

\* Double Seal

**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.

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