

Arbokol 1000 is a one part Polysulphide sealant which cures on exposure to moisture vapour to form a firm but flexible rubber.

MAIN APPLICATIONS

Recommended for use in expansion joints in brickwork and blockwork.

Recommended for the perimeter sealing of timber frames and where overpainting of sealant is required.

Recommended for structural joints in heavy cladding.

NB: Not recommended for vertical joints wider than 25mm or for horizontal joints wider than 20mm. Due to the relatively slow cure of Arbokol 1000 it is not recommended for use in public areas, schools and areas liable to vandalism unless the joint can be protected during its cure period.

Not recommended for internal use.

PAINTING

This product can be painted however due to the wide variety of paint and coating systems available the customer should carry out a pretest trial before work begins. Please contact technical department if further advice is required

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

Arbokol 1000 is supplied in polyethylene 380ml cartridges and can be applied into the joint using an Arbo Caulking Gun

TECHNICAL DATA

Skin Time at 20° C/65 % RH:	12 hours
Application Temperature:	+ 5° C to + 50° C
Service Temperature:	-40° C to + 90° C
Typical Shore Hardness	30
Cure Rate at 20° C/65 % RH:	14-28 days in external situations depending upon joint configuration and atmospheric conditions. When used in internal situations this time period will be significantly extended.
Chemical Resistance:	Resistant to most dilute acids and many solvents and vegetable oils.
UV Resistance:	Very Good
Service Life:	20 years +
Movement Accommodation:	
Butt joints (movement in tension and compression):	25 %.
Lap joints (movement in shear):	50%
Colours:	White, Grey, Black, Teak.



JOINT SIZE SUITABILITY

Joint Width

Minimum 6mm

Maximum 25mm

Joint Depth

Minimum 10mm on porous substrates

Minimum 6mm on non-porous substrates

Maximum 12.5mm

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

2:1 butt joints

1:1 lap joints/floor joints

PACKAGING

25 x 380ml Polyethylene Cartridges per box.

Polyethylene Nozzles are included in each box.

STORAGE LIFE

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

HEALTH AND SAFETY

Please consult Material Safety Data Sheet for full information.

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ACCESSORIES

Primers

Arbo 925 Primer (500ml tin): Yield approximately 125 metres per tin

Arbo AG2 Porous Primer (500ml tin): Yield approximately 125 metres per tin

Arbo 7750 Primer (500ml tin): Yield approximately 500 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

JOINT SIZE METRES PER LITRE	METRES PER 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

SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F – 12.5 P

BS5215:1986

**UK
CA**

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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