



Technical Datasheet Arbokol AG1

Arbokol AG1 is a One-part Polysulphide Sealant, which cures on exposure to moisture vapour to form a firm but flexible rubber.

Main Application

Recommended for use in expansion joints in brickwork and blockwork and perimeter sealing of timber frames. *It is not recommended for vertical joints wider than 25mm or horizontal joints wider than 20mm, use in public areas/schools or areas liable to vandalism, due to its relatively slow cure, use against natural stone and use in internal situations.*

Specification Compliances

BS EN ISO 11600 F 20HM

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.

Application

Arbokol AG1 is supplied in cartridges and can be applied into the joint using an Arbo Caulking Gun.

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.

Joint Size suitability

Joint width

Minimum 6mm

Maximum 25mm (*single application*)

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

Storage Life

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

Health & Safety

Avoid prolonged contact with the skin. If sealant comes into contact the eyes, flush with copious volumes of cold water and obtain medical attention. For further information consult Product Safety Data Sheet P61

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Arbokol AG1****Technical Data**

Properties	Values
Typical Shore A hardness.....	35
Application temperature.....	+5°C to + 50°C
Service temperature.....	-40°C to +90°C
Skinning time @ 20°C/65%RH.....	12 hours
Cure Time	14-28 days in an external situation depending on joint configuration and atmospheric conditions. Not recommended for use in internal situations.
Chemical resistance.....	Resistant to most alkalis and dilute acids, petrol, diesel, or jet fuel and many solvents and vegetable oils.
UV resistance.....	Very Good
Service life.....	20 years +
Movement accommodation.....	Butt joints (<i>movement in tension and compression</i>): 25% Lap joints (<i>movement in shear</i>): 50%
Colours.....	White, Black, Grey, Buff, Teak, Rustic Red, Portland.

Accessories:**Primers**

AG2 Porous Primer	500ml tin (yield approximately 125 metres per tin)
Arbo Primer 7750	500ml tin (yield approximately 250 metres per tin)

Cleaners

Arbo Cleaner No.13	1 Litre tin
<i>(Toluene based – not suitable for use with plastics or delicate finishes)</i>	
Arbo Cleaner No.16	1 Litre tin
<i>(Alcohol based)</i>	

Equipment

Polyethylene nozzles
Arbo Caulking Guns

Quantity Estimator

<i>Joint size</i>	<i>Metres per litre</i>
6 x 6	27.75
9 x 6	18.50
12 x 9	9.25
18 x 10	5.55
25 x 12	3.33

Packaging: 25 x 380ml plastic cartridges. Polyethylene nozzles are included in each box.

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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