



Technical Datasheet Arbokol AG2 Pouring Grade

Arbokol AG2 Pouring Grade is a two part Polysulphide Sealant which cures once the two components are mixed together to give a flexible rubber seal. It has good adhesion to concrete, metals and many other common building substrates.

Main Applications

Recommended for sealing horizontal structural floor joints, road joints, runway aprons and runways.

For use in very heavily trafficked floor joints please contact Adshead Ratcliffe Technical Services Department for further information.

Not recommended for vertical joints.

Not recommended for use with potable water.

Specification Compliances

BS 5212 1990 Type FB (Includes Types N and F)

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.

Mixing

The base and curing agent ratio controls the adhesion, strength and durability of Arbokol AG2 Pouring Grade. The components must therefore be thoroughly mixed.

Application

The normal method of application is to pour the mixed sealant into Arbo Barrel Guns or pour directly from the tin. Squeezing the rim to form a spout will assist in applying and directing the sealant into the joint.

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.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

Joint Size Suitability*Joint Width*

Minimum 6mm

Maximum 30mm

Joint Depth

Minimum 12mm

Maximum 25mm

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

1:1 floor joints up to 25mm width

Up to 30mm width, joint depth of 25mm

Packaging

5 Litre pack (includes base and curing agent)

Colours

Grey

Black (available as a special colour subject to minimum order requirement, please contact Adshead Ratcliffe Technical Service Department for more information)

Storage Life

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

Health and Safety.

Contains Manganese Dioxide. Please consult Material Safety Data Sheets for full information.

Technical Data

Work Life at 20° C: 1 - 1½ hours (other times may be possible – please consult Adshead Ratcliffe for further information)

Application Temperature: + 5° C to + 40° C

Service Temperature: - 40° C to + 80° C

Typical Shore Hardness: 15 - 20

Cure Rate at 20° C/65 % RH: 7 days at 20° C in a typical joint. At lower temperatures cure rate will be slower.

Chemical Resistance: Resistant to most dilute acids and alkalis, petrol, diesel, jet fuel and many solvents and vegetable oils.

UV Resistance: Good

Service Life: 20 years+ (when used in trafficked areas or other special environments, service life may be reduced).

Movement Accommodation:

Butt joints (movement in tension and compression): 25 %.

Accessories

Primers

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

Arbo Primer 7781 (500ml tin) Yield approximately 200 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

Bulk Loading Guns

Quantity Estimator

Joint Size (mm)	Metres/Litre
6 x 6	27.8
9 x 6	18.5
12 x 9	9.3
18 x 18	3.0
25 x 25	1.6

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