ARBOSEAL PRO®

ARBOKOL AG2 GUN GRADE

Arbokol AG2 Gun Grade is a two-part Polysulphide Sealant which cures to a flexible rubber seal. It has good adhesion to concrete and other common building substrates.

Main Applications

Recommended for sealing structural floor joints, parapet wall joints, concrete roadways and pavements, hard standing floor pads, joints in concrete sea walls and joints in water retaining (non-drinking water) structures. Please contact ARBO® Technical Services for advice regarding suitability for specific purposes. Not recommended for use with potable water.



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. ARBO® AG2 Porous Primer is recommended on concrete. Contact ARBO® Technical Services for specific primer advice.

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Mixing

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

Application

The normal method of application is to fill the mixed sealant into ARBO® Hand Barrel Guns using a heavy-duty follower plate.

The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun.

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.

Joint Backing

Where applicable, use appropriately sized closed cell, cross-linked Polyethylene foam.

Joint Size Suitability

Joint width

Minimum 6 mm.
Maximum 25 m (single application); 50 mm (multiple applications.

Joint depth

Minimum 10 mm on porous substrates (12 mm in floor joints).
Minimum 6 mm on non porous substrates (12 mm in floor joints).
Maximum 25 mm.

Accessories

Primers

ARBO® AG2 Porous Primer (500 ml 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

Bulk loading guns.
Heavy duty follower plates.

Health and Safety

Please consult the Safety Data Sheet for each component for full information.

Packaging

2.5 Litre pack (includes base and curing agent)

Storage Life

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

Technical Data	
Application Temperature:	+ 5 °C to + 40 °C
Service Temperature:	- 40 °C to + 80 °C
Typical Shore D Hardness:	25–30
Work Life at 20 °C:	1½–2 hours (other times may be possible – please consult Adshead Ratcliffe for further information)
Cure Rate at 20° C /65 RH:	3 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 vegeta-ble oils.
Movement Accommodation:	Butt joints (movement in tension and compression) 30 %
UV Resistance:	Good
Lap joints (movement in shear):	50 %
Colour	Grey

Specification Compliances
BS EN ISO 11600 F 25 LM **BS 4254:1983**

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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