



## Technical Datasheet Arbokol AG2 (Pouring Grade)

Arbo AG2 Pouring Grade is a Two-part Polysulphide Sealant, which when the components are mixed together, cures to form a flexible rubber seal. It has good adhesion to concrete, stone, metals and many other common building substrates.

### **Main Application**

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

### **Specification Compliance**

BS 5212 1990 TYPE FB (includes types N & 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 Arbo AG2. 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 can. 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 using sealants.

### **Joint Size suitability**

#### *Joint Width*

Minimum 6mm

Maximum 30mm

#### *Joint Depth*

Minimum 12mm on porous substrates

Minimum 12mm on non-porous substrates

Maximum 25mm

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

1:1 floor joints up to 25mm width joints up to 30 mm a joint depth of 25mm

### **Health & Safety**

The curing agent of Arbokol AG2 contains manganese dioxide and is labelled 'Harmful' under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The base is not classified as hazardous under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. For further information consult Product Safety Data Sheet P62.

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### Technical Data

Properties	Values
Typical Shore A hardness.....	17 - 21
Working life.....	1 - 1½hrs @ 20°C
Application temperature.....	+5°C to + 40°C
Service temperature.....	-40°C to +80°C
Cure rate.....	7 days @ 20°C in a typical 10mm x 10mm joint. At colder temperatures the cure rate will be extended.
Chemical resistance.....	Resistant to most alkalis and dilute acids, petrol, diesel or jet fuel and many solvents and vegetable oils.
UV resistance.....	Good
Service life.....	20 years (when used in trafficked areas or other special environments the life will be reduced)
Movement accommodation.....	Butt joints ( <i>movement in tension and compression</i> ): 25%
Colours.....	Grey and Black

### **Accessories:**

#### **Primers**

AG2 Porous Primer	500ml tin (yield approximately 125 metres per tin)
AG2 Non-porous Primer	500ml tin (yield approximately 125 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**

Bulk Loading Guns  
Heavy Duty Follower Plates

#### **Quantity Estimator**

Joint size	Metres per litre
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:** 5 Ltr packs (includes base and curing agent). The curing agent is packaged separately within the can

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