

Arbokol Secure is a unique two part Epoxy sealant which cures to form a hard wearing seal, designed to accommodate small amounts of movement in extension but considerable movement in compression.

Recommended for use in a variety of internal stress relief joint systems where a tough, anti-pick seal is required.

### MAIN APPLICATIONS

Prisons – perimeter sealing of cell doors and windows, Prisons – sealing of fixings and sanitary ware, anti pick/anti vandalism joints, heavy duty floor joints, tile to tile joints (no primer required), shower rooms.

NB. Not recommended for structural joints.

### APPLICATION INSTRUCTIONS

#### Joint Preparation

The joint surfaces must be clean and free from all contamination. Surfaces should be degreased using the appropriate surface cleaner (contact Adshead Ratcliffe Technical Service Department for further information)

#### Mixing

The ratio of base: curing agent controls the performance properties of Arbokol Secure and tins are filled off to an exact mixing ratio. It is

vital therefore that the whole contents of the Curing Agent tin are added to the base tin. The 2 components must be thoroughly mixed to ensure complete homogeneity. (Spiral “pig tail” mixing equipment is recommended)



## Application

The usual application method once mixed is to fill the sealant into empty cartridge dispensers using a heavy duty follower plate. The cartridge is then placed over the hole in the centre of the plate. Applying steady downward pressure will then fill the cartridge. Insert plunger into the cartridge and the mixed sealant is then ready for application using an Arbo Caulking Gun. The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun.

## 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 and sealant application should be carried out in accordance with BS8000 Part 16 (British standard for the sealing of joints in buildings).

### TECHNICAL DATA

Work Life at 20°C:	1 - 1½ hours
Application Temperature:	+ 5°C to + 40°C
Service Temperature:	- 40°C to + 80°C
Typical Shore Hardness:	Shore D 60 -70
Cure Rate at 20° C/65 RH:	2 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):	5% Tension, 50% Compression
Colours:	Off White, Grey

CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom

Derby Road | Belper  
Derbyshire

DE56 1WJ  
United Kingdom

T +44 (0)1773 826661 E arbo@arbo.co.uk  
F +44 (0)1773 821215 www.arbo.co.uk

**JOINT SIZE SUITABILITY****Joint Width**

Minimum 6mm

Maximum 20mm (single application)

**Joint Depth**

Minimum 10mm on porous substrates

Minimum 6mm on non porous substrates

Maximum 10mm

**Width: Depth Ratio**

Contact Adshead Ratcliffe Technical Service Department

**HEALTH AND SAFETY**

Base component is Polyamide based and Curing agent contains Epoxy Resin. Both components require careful handling. Please consult MSDS's for each component before use.

**PACKAGING**

1.2 Litre Set, with separate tins for Base and Curing Agent. Follower plate.

**ACCESSORIES****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)

**Equipment**

Bulk Loading Gunss

Heavy Duty Follower Plates

Empty Cartridges, Nozzles and

Plungers

Spiral Mixing Paddle

**QUANTITY ESTIMATOR**

JOINT SIZE (MM)	METRES/ 1.2 LITRE
6 x 6	33.3
9 x 6	23
12 x 9	11
20 x 10	6

**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.

**CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom**

Derby Road | Belper  
Derbyshire

DE56 1WJ  
United Kingdom

T +44 (0)1773 826661 E arbo@arbo.co.uk  
F +44 (0)1773 821215 www.arbo.co.uk