ARBOSEAL PRO®

ARBOKOL SECURE

Arbokol Secure is a unique two-part Epoxy sealant which cures to form a hard, non-pick seal. Recommended for use in a variety of internal, secure locations 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 ARBO® Technical Services 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's 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).

Joint Backing

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

All joint preparation and sealant application should be carried out in accordance with BS8000-16 : 1997 + A1: 2010 (British standard for the sealing of joints in buildings).



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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 Size Suitability

Joint width
Minimum 6 mm
Maximum 20 mm
(single application).

Joint Depth
Minimum 10 mm
on porous substrates.
Minimum 6 mm
on non-porous substrates.
Maximum 10 mm.

Width: Depth ratio
Contact ARBO® Technical Service Department with any questions.

Health and Safety

The base component is polyamide based and the curing agent component contains epoxy resin. Both components require careful handling. Please consult the Safety Data Sheet 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)

Ancillary Equipment
Bulk Loading Guns
Heavy Duty Follower Plates Empty Cartridges, Nozzles and Plungers
Spiral Mixing Paddle

Technical Data	
Colours:	Off White, Grey
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:	24 hours 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
Movement Accommodation:	Butt joints (movement in tension and compression): 5 %.

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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2026/09