ARBOSEAL PRO®

ARBOKOL 1025 SP

Arbokol 1025 SP 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 continual water resistance and a high degree of chemical resistance (especially to common cleaning substances) are required.

Main Applications

Swimming pools, compression joints, tile to tile joints (no primer required), long term water immersed joints, 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 to curing agent controls the performance properties of Arbokol 1025 SP 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).



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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 Arbokol 1025 SP should be carried out in accordance with BS 8000-16:1997+A1:2010

(British standard for the sealing of joints in buildings)

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 placed over the hole in the centre of the plate and filled by applying steady downward pressure. Insert the 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 Services

Health and Safety

Base component is Polyamide based and curing agent contains Epoxy resin. Both components require careful handling.
Please consult SDS's for each component

Accessories

Cleaners

ARBO® Cleaner 17–1 litre Tin
(Xylene based – not suitable for use with plastics or delicate finishes)
ARBO® Cleaner 16–1 Litre Tin
(Alcohol Based)

Ancillary Equipment

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

Packaging

1.2 Litre Set, with separate tins for base and curing agent. Follower plate.

Technical Data	
Colours:	Off White, Grey
Application Temperature:	+10 ˚C to + 40 ˚C
Service Temperature:	-20 °C to + 90 °C
Typical Shore D Hardness (cured at 20 ˚C):	60–70 Work Life (Typical at 20 ˚C):
Chemical Resistance:	Resistant to most alkalis and dilute acids, petrol, diesel, jet fuel. Resistant to most cleaning chemicals used in swimming pool situations (neat Hypochlorite crystals should not be applied to 1025 SP)
Cure Rate (at 20 ˚C):	48 hours. At lower temperatures cure rate will be extended. NOTE: Allow for full chemical cure before any form of immersion.
Movement Accommodation:	Tension 5 % Compression 50 %

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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