DESCRIPTION
Arbokol 1025 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, non 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

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

COLOURS
Off White, Grey.

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 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)

Application
The usual application method once mixed is to fill the sealant into empty cartridge dispensers using the follower tin supplied with the pack. 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)

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.

TECHNICAL DATA

Typical Shore D Hardness
(cured at 20º C): 60 – 70

Work Life (Typical at 20º C): 45 minutes

Application Temperature:
+10º C to + 40º C

Service Temperature:
-20º C to +90º C

Cure Rate (at 20º C): 48 hours. At lower temperatures cure rate will be extended

Chemical Resistance:
Resistant to most alkalis and dilute acids, petrol, diesel, jet fuel.

Service Life:
20 years +

Movement Accommodation:
Tension 5%
Com pression 50 %

ACCESSORIES

Cleaners
Arbo Cleaner Type 17 - 1 litre Tin
(Xylene based – not suitable for use with plastics or delicate finishes)

Arbo Cleaner 16 – 1 Litre Tin
Alcohol Based)

EQUIPMENT

Bulk Loading Guns
Heavy Duty Follower Plates
QUANTITY ESTIMATOR

<table>
<thead>
<tr>
<th>Joint Size (mm)</th>
<th>Metres /1.2 Litre</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 6</td>
<td>33.3</td>
</tr>
<tr>
<td>9 x 6</td>
<td>23</td>
</tr>
<tr>
<td>12 x 9</td>
<td>11</td>
</tr>
<tr>
<td>20 x 10</td>
<td>6</td>
</tr>
</tbody>
</table>

**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.

Arbo sealants are manufactured in the U.K. by Adshead Ratcliffe.