



## Arbosil 1096

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### Detailed description

A low modulus silicone sealant, suitable for perimeter sealing of polyester powder coated frames, including windows in swimming pool buildings and glass wall assemblies.

Not recommended for overpainting or for use with polycarbonate or acrylic sheeting.

Resistant to most alkalis and dilute acids; organic solvents may cause the sealant to swell and loose adhesion, but do not directly dissolve the material.

Burns, but will not readily ignite, so does not constitute a fire hazard.

Should not cause migratory staining on porous surfaces, but dirt and dust washed into or around joints by rainwater may cause pattern staining. The sealant itself may discolour in contact with rubbers, bituminous or pitch-based DPCs, etc. Contact with some metals may also cause discolouration.

Very good UV resistance.

Correctly applied, the sealant should not require maintenance, and has an anticipated life in excess of 25 years.

### Standards:

See technical literature for standards with which the sealant complies.

### Health and safety:

The product is labelled as harmful. Its use should be recorded in the project Health and Safety Plan.

### Application temperature:

+5°C to +50°C.

### Curing time:

7–14 days depending on joint configuration and atmospheric conditions.

### Joint dimensions:

- Width:

- Minimum 6 mm; maximum 25 mm (single application), 60 mm (multiple applications).

- Depth

- Porous substrates: Minimum 10 mm; maximum 15 mm.
- Non-porous substrates: Minimum 6 mm; maximum 15 mm.

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### Joint backing:

A combined joint filler/ bond breaker, such as closed cell foam polyethylene rod, should always be used to ensure that the sealant adheres only to the joint faces and not to the back. Bond breaker tape should be used where the joint has been packed out with fibre-board.

### Primer:

A primer is not required for polyester powder coated surfaces, mill finished aluminium or anodized aluminium or glass. Primers are available to suit other substrates – refer to technical literature for details.

## Options

### Colour:

Available in five standard colours.

## Product specification

### Manufacturer

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**Product reference** Arbosil 1096 Sealant

**Colour** Black  
Grey  
Mahogany  
Translucent  
White

**Accessories** [None]  
[Joint backing: Closed cell foam polyethylene rod]  
[Joint backing: Fibre-board with bond breaker tape]  
[Primer: Arbo Primer 2402] - Required for stainless and galvanized steel.  
[Primer: Arbo Primer 2650] - Required for brickwork, concrete and stained timber frames.