



Never compromise on quality!

# AS10

## Easy-tool, Low Modulus Neutral Cure Silicone



### Description

*AS10 is a specially developed sealant for the professional sealant applicator, glazing and cladding industries. It gives off no solvents or corrosive vapours while setting and sets quickly under all conditions when exposed to air. AS10 is compatible with all metals and plastics.*

### Uses

Bond It **AS10** is suitable for glazing, curtain walling, metal cladding, weather sealing and bonding of high movement joints. It's special formulation gives exceptional tooling properties and durability.

Accelerated aging tests indicate a life expectancy of in excess of 25 years.

It is ideal for use on:

- ◆ glass
- ◆ ceramics
- ◆ all metals
- ◆ metal cladding
- ◆ concrete
- ◆ painted and unpainted timber
- ◆ brick
- ◆ plastics, including PVCu
- ◆ all painted surfaces
- ◆ marble, travertine and most stone (subject to limitations).

### Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. On porous surfaces priming may be necessary.

### Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

Best tooling is achieved if a minute or two is allowed after application before smoothing. Polyethylene foam backing rod pushed into construction joints before sealing gives a technically superior joint and minimises sealant consumption.

Once the silicone has been applied and tooled rain will not have any adverse effects on the sealant.

### Limitations

Porous surfaces should be primed first. Do not use

on surfaces where water can penetrate through porous materials to the bond interface without first carrying out remedial work. Polished decorative stone, such as granite and marble, may absorb silicone oil from the sealant and undergo a change in surface gloss. Use Bond It Natural Stone Silicone for these applications.

Do not use on bituminous substrates, natural and synthetic rubber. Do not use for structural glazing installations.

### Shelf Life

Minimum 12 months in unopened cartridges.

### Container Size

EU4 cartridges.

### Colour

**AS10** is available in white.

### Storage Conditions

Protect from freezing. Store between +5°C to +25°C in dry conditions.

### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

### Health & Safety

- ◆ Avoid eye contact.
- ◆ Avoid prolonged contact with skin.
- ◆ Thoroughly wash hands with soap and water after use.
- ◆ Do not take internally.
- ◆ Keep out of reach of children.
- ◆ See separate material safety data sheet for full handling, use and storage.

## Specification Summary

Tooling Time	5 -10 minutes
Skimming Time	15-25 minutes
Rate of Cure	2mm per day / 3.5mm - 3 days
Application Temperature	+5°C to +40°C
Service Temperature	-50°C - +180°C continuous exposure, higher temperatures can be withstood for limited periods

### Container Sizes:

<b>Colour:</b>	White
<b>Code:</b>	BDAS10WH4
<b>Barcode:</b>	5060021371355
<b>Size:</b>	380ml



### BOND IT

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### EN15651-1,2,3,4

Facade Sealant for Exterior and Interior use 25LM  
Glazing Sealant 25LM  
Sanitary Sealant XS1  
Pedestrian Walkway Sealant for Exterior and Interior  
use 25LM

<b>Reaction to fire</b>	Class E
<b>Release of chemicals</b>	See MSDS
<b>Resistance to Flow</b>	≤ 3mm
<b>Loss of volume</b>	≤ 10%
<b>Elastic Recovery</b>	>70%
<b>Tensile properties secant modulus</b>	≤ 0.4MPa
<b>Tensile properties at maintained extension</b>	NF
<b>Adhesion/ cohesion at variable temperatures</b>	NF
<b>Adhesion/ cohesion at maintained extension after water immersion</b>	NF
<b>Adhesion/ cohesion after exposure to heat, water and artificial light</b>	NF
<b>Microbiological growth</b>	1
<b>Tear Resistance</b>	NF
<b>Durability</b>	NF

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during*

*processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular*



Certificate Number: 6152  
ISO 9001  
ISO 14001



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