

## S1227 – Technical Data Sheet



Bondrite Adhesives Limited  
Unit 3H  
Sibley Road Industrial Estate  
Barrow-Upon-Soar  
Leicestershire LE12 8LP  
Tel: 01509 815550

### Description

**S1227** is a two-part acrylic adhesive (cement) that hardens at room temperature by polymerisation.

**Component A** is a mobile monomer / polymer syrup and **Component B** is a liquid catalyst solution.

**S1227** has been developed especially for bonding / fabricating / cementing cast acrylic sheet. It will bond cast acrylic materials to itself and other material, such as wood.

The product is specifically used for outdoor / external applications e.g. caravan window repair, sign making.

### Physical Properties

	Part A	Part B
<b>Polymer Base</b>	Methyl Methacrylate	Peroxide
<b>Solids</b>	100% approx	5% approx
<b>Viscosity</b>	1,500 mPas approx	Liquid
<b>Specific Gravity</b>	1.0 approx	1.0 approx
<b>Storage</b>	5-25°C	5-25°C

### Directions for Use

1. Surfaces to be coated should be clean, dry and free from dust and grease.
2. Add all of **Component B** to **Component A** (ratio of 1-10) and shake vigorously for 2 minutes.

Hardening begins as soon as the catalyst (**Component B**) is added.

3. Use the mixed adhesive within 20 minutes, otherwise the bond will be weakened.
4. Please note that at temperatures below 15°C as the setting time can be affected. Ideally, the temperature should be 20 +/- 5°C. Setting begins as soon as the catalyst is added and the adhesive should be hard within 4 hours. After this time, the joint may be handled carefully. A stronger joint will be obtained if left for 24 (twenty-four) hours.

### Precaution

1. **Component A** has a slight purple tinge and **Component B** is a light straw colour. After prolonged outdoor exposure (years) in warm climates, a slight yellowing of the hardened cement may occur. This will not affect the mechanical properties of the cement.
2. While curing any mixed adhesive left in the container will become very hot. It is imperative that the container is left in a safe preferably outdoor location and not handled until cool (around 3 hours) after which it can be disposed of.
3. This adhesive is not recommended for structural applications on aircraft.

**Please consult the S1227 Health & Safety Data Sheet for statutory regulation information.**

Information relating to the products of Bondrite Adhesive Limited is based on tests carried out under laboratory conditions. If any of our products are not used in accordance with our instructions or are used under conditions which vary from our laboratory, they may not perform in accordance with any information provided and Bondrite shall not have any liability in this case. Bondrite will accordingly provide samples of our products, on request and free of charge, for Customers to carry out their own tests as to suitability of our product for their purposes and as used in their intended environment.

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