

**technical data sheet****BOSTIK 1830/1831****POLYSTYRENE FOAM SAFE ADHESIVE****DESCRIPTION**

**Bostik 1830 and Bostik 1831** Polystyrene Foam Contact Adhesive is a sprayable, solvent based, and specially formulated product to bond polystyrene foam material in the insulation and air conditioning industries. It has excellent green strength, flexibility and good temperature resistance.

**Bostik 1830 and Bostik 1831** Polystyrene Foam Contact Adhesive can be used with steel, aluminium, galvanised iron, wood, hardboard, particleboard, cement sheet, concrete, masonry, expanded polystyrene, insulation batts and fibreglass reinforced plastics. It is suitable for the construction of prefabricated buildings, caravans, mobile homes, sandwich panels, acoustic ceiling tiles and cool rooms.

**Bostik 1830 and Bostik 1831** is fire rated to AS1530.3-1989 as 0.0.0.0/1

**FEATURES & BENEFITS**

- Styrene Safe – will not attack expanded polystyrene
- Excellent atomization – achieves high coverage rate.

**TYPICAL TECHNICAL DATA**

<b>Base:</b>	Synthetic rubber / Resin
<b>Colours:</b>	<b>Clear</b> = 1830 <b>Blue</b> = 1831
<b>Viscosity:</b>	Approximately 400 cps
<b>Solids:</b>	30%

**PACKAGING**

Available in 20 and 200 Litre containers

**COVERAGE:**

Approximately 8m<sup>2</sup> per litre on one surface

**PREPARATION**

Surfaces should be clean, dry, free from oil, grease, dust and other contaminants. Wipe metal surfaces first with **Bostik 9901 solvent**. Thinning is not recommended.

**PRECAUTION**

**Not recommended** for exterior use or for bonding to copper.

**APPLICATION**

Using standard industrial spray equipment such as HVLP (High Volume, Low Pressure), cover both surface areas to be bonded, ensuring a wet, uniform and even spray pattern. Leave until touch-dry (10-15 minutes depending on atmospheric conditions). This can be tested by placing the knuckles into the adhesive which should feel tacky but not transfer to the knuckles. Two or more coats may be required on porous surfaces. Surfaces should be joined within 30 minutes of application; otherwise reactivation with another coat will be required. Be careful to position surfaces accurately as minimal movement is possible. A minimum of 276KPa (40psi) bond pressure is recommended. A nip (pinch) roller or hand roller may be used, working from the centre toward edges to remove all air bubbles.

**P.A.T.S (Pretested Adhesion To Substrate) Programme**

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

**SAFETY PRECAUTIONS**

Highly flammable. Irritant. Beware of vapour. Harmful by inhalation. Irritating to eyes and respiratory system. Danger of serious damage to health by prolonged exposure. Intentional misuse by deliberately inhaling vapours can be harmful or fatal.

A Material Safety Data Sheet is available on request. Store well-ventilated, out of direct sunlight; comply with Local, State and Federal regulations.

**CLEAN-UP**

To clean up equipment and adhesive spills use **Bostik 9901 Cleaner**.

**STORAGE**

Store product between 10° to 25°C for maximum storage life. Keep containers tightly closed as adhesive tends to skin when exposed to air. Refer to M.S.D.S. for specific details.

A Shelf life of a minimum of 12 months when stored under the above conditions.

**BOSTIK 1830/1831 ADHESIVE**

ITEM NO.	STOCK SIZE
155888	BOSTIK 1830 ADHESIVE CLEAR 20L
155896	BOSTIK 1830 ADHESIVE CLEAR 200L
256986	BOSTIK 1830 ADHESIVE CLEAR 1L
162760	BOSTIK 1831 ADHESIVE BLUE 20L
162779	BOSTIK 1831 ADHESIVE BLUE 200L

**BOSTIK 9901**

ITEM NO.	STOCK SIZE
045152	BOSTIK 9901 SOLVENT 20L

*The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Findley Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.*

**ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK FINDLEY AUSTRALIA PTY LTD**

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