

# Spectrabond PU Adhesive (Low Foaming)



## Product Data Sheet

**Low Foaming Polyurethane Adhesive for Polymeric Roofing Membranes**

**September 2005**

### **Introduction**

Spectrabond PU Adhesive (Low Foaming) is a high performance moisture cured single part, polyurethane adhesive for bonding polymeric roofing membranes to rigid insulation boards and other suitable substrates. The adhesive is cold applied and has been specially developed to allow the safe and rapid full bonding of suitable membranes. Spectrabond PU Adhesive (Low Foaming) is applied using a roller and cures by reaction with atmospheric moisture

### **Benefits**

- Quick and easy to install
- Rapid curing
- Cold application
- Powerful adhesive bond
- Cost effective

### **Supply Details**

The product is supplied in an easy to use 22kg container.

### **Coverage Rates**

Coverage rates will vary depending on temperature and substrate conditions, and accurate assessment of coverage rates in a given situation should be determined by experiment however, the average rate for a full bond application is between 300 and 400g/m<sup>2</sup>.

### **Curing Time**

Curing time is dependent upon ambient temperature and humidity conditions however, curing will usually occur in approximately 1 hour.

### **Storage Conditions**

Store in a sealed container, in dry conditions at a temperature between 5°C and 25°C. Shelf life 6 months in an unopened container, stored at the above temperature.

### **Application**

Surfaces to receive adhesive should be stable, clean and free of any liquid water (damp surfaces are acceptable). No priming is required.

The adhesive should be poured direct from the container and rolled out to produce an even coat on the substrate. The adhesive should then be left for 10 minutes to allow the solvent content to escape from the adhesive film. The membrane should be rolled into the adhesive and consolidated.

The adhesive should not be used in temperatures below 5°C or at high temperatures in excess of 30°C, as the working time will be dramatically reduced.

Ensure that the cap is firmly placed on the container when not being poured from. Do not return previously decanted adhesive back to the container, as this will start to cure in the drum.

To clean tools and splashes of adhesive from the finished membrane using **Spectrabond Cleaning Solvent**.

## Technical Details

Adhesive Base	Polyurethane
Solid Content	77%
Viscosity	3000 cps @ 20°C
Adhesive Colour	Pink
Tack Life	15 Minutes
Coverage Rate	300 and 400g/m <sup>2</sup> .
Flash Point	Not Applicable
Shelf Life	6 Months
Solvent/Cleaner	Spectrabond Cleaning Solvent

## Other Product Information

Full product literature is available to download from our website: [www.singleply.co.uk](http://www.singleply.co.uk). Amourplan is only available from SIG Design & Technology and can only be installed by an IKO Single Ply trained and licensed contractors.



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