

## IKOpro HIGH PERFORMANCE PU ADHESIVE

### PRODUCT INFORMATION

IKOpro High Performance PU Adhesive is a high performance moisture cured single part, polyurethane adhesive. Used for bonding rigid insulation boards to a wide variety of substrates. It is cold applied and allows the safe and rapid bonding of suitable insulation boards. Supplied in 6.5Kg tins ready to apply directly from the container.

**Note-The use of this adhesive is not recommended for bonding two foil faced products together.**

Description	Insulation Board Adhesive
Material	PU
Tin Size	6.5 kg
Colour	Green
Product Number	58800001

### IKOpro HIGH PERFORMANCE PU ADHESIVE USE

Ensure the substrate is clean and free of ponding water.

Apply 15mm wide beads of IKOpro High Performance PU adhesive to the substrate at bead centre spacing as defined in the IKO Polymeric project specification. Only apply as much adhesive as can be covered within 10 minutes.

Install the insulation boards tightly butted in a brick bond pattern pressing the boards in to the adhesive to ensure a good bond. The insulation should be installed before formation of a skin on the adhesive. It is recommended that the bond is checked at regular intervals by lifting a corner of the insulation and checking the beads have been squashed flat. This is particularly important on uneven substrates.

Curing will usually occur between 2 and 6 hours dependent on humidity and temperature.

Important: IKOpro High Performance PU Adhesive must only be applied in temperatures above 5 Deg C. Failure to do so could result in the de-bonding. The adhesive cures through a reaction with moisture in the air and as such the relative humidity should be minimum 30%. In hot summer conditions, when the relative humidity is below 30%, it will be necessary to lightly moisten the substrate with a fine spray of water prior to applying the adhesive.

### FEATURES & BENEFITS

- Rapid Curing
- Cold Application
- Excellent adhesion properties
- Fast installation
- Cost effective application

### TYPICAL PROPERTIES

Characteristic properties	IKOpro High Performance PU Adhesive
Base	Polyurethane
Solid Content	100%
Viscosity	4000cps @ 20°C
Colour	Green
Tack Life	5-7 minutes @ 20°C
Flash Point	N/A
Shelf Life	9 months

### COVERAGE RATES

Exposure	Number of Strips	Coverage (g/m <sup>2</sup> )	Coverage per 6.5kg Container (m <sup>2</sup> )
<b>Manual application – direct from the container</b>			
Normal	4 (50g/lin.M)	200	28.0
Roof Perimeters	6 (50g/lin.M)	300	18.7

### STORAGE

IKOpro High Performance PU Adhesive should be stored in the original sealed container in dry conditions at a temperature between 5°C and 25°C. Shelf life is 9 months in an unopened container when stored at the above temperature.

### FURTHER PRODUCT INFORMATION

Full product literature, health & safety and technical sheets are available as downloads from our website [www.ikopolymeric.com](http://www.ikopolymeric.com) or on request by email [polymeric.marketing@iko.com](mailto:polymeric.marketing@iko.com)