

# IKOpro PU Insulation Adhesive

## Technical Data Sheet – Section 10.00

### PRODUCT INFORMATION

IKOpro PU Insulation Adhesive is a single component, moisture curing polyurethane adhesive.

Pack Size	Product Code
6.5kg (6L)	58800001



### USE

IKOpro PU Insulation Adhesive is used for bonding insulation boards to various roof substrates.

This product should not be used for bonding foil faced insulation boards to other foil faced materials i.e. further insulation boards, foil faced sheet materials.

As this product is utilised within an Approved Contractor network and guided by an IKO Specification document, where omission or differing information exists the IKO Specification document will take precedence.

### FEATURES & BENEFITS

Non-flammable - reduces on-site risks.

Ease of Application - product is ready to use directly from the container.

Colour Coded - for easy identification on site, insulation adhesive has a distinctive green colour.

Independently Tested - BRE tested performance.

### APPEARANCE & PERFORMANCE

Appearance:	Liquid
Colour:	Green
Size:	6L
Weight:	6.5kg
Use:	Insulation adhesive
Coverage**:	30-35m <sup>2</sup> per 6L tin
Application Temperature:	5-30°C
Open Time:	15 minutes at 5°C 7 minutes at 20°C 4 minutes at 30°C
Typical Cure Time:	60 minutes at 5°C 30 minutes at 20°C

\*\*dependant on substrate porosity

## **CONSTRUCTION**

### **MATERIAL HANDLING**

Please refer to relevant sections of the IKO Material Safety Data Sheet.

### **PRIOR TO COMMENCEMENT**

Application must always follow good, safe working practice.

Prior to commencing works, it is important that operatives read the IKO Material Safety Data Sheet. Additionally, it is important to be aware of all the information given by your employers Risk Assessments and understand all Method Statements produced for undertaking the work.

This product should only be applied by trained operatives, whose employers are part of the IKO Approved Contractor network.

### **PREPARATION**

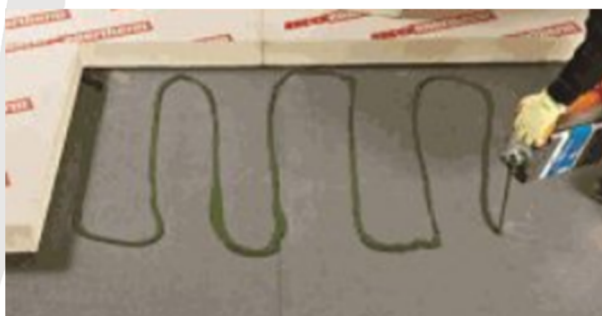
Before commencement of the waterproofing works, the roofing contractor should ensure that the surfaces to receive the new waterproofing system are sound and capable of accepting the imposed loading of the new waterproofing system and its installation.

Existing substrates should be assessed by a competent roofer or suitably qualified professional to ascertain their suitability in relation to structural strength, falls and drainage provision.

The surface to which the IKOpro PU Insulation Adhesive is to be installed must be clean, dry and fit for purpose.

### **APPLICATION**

Prior to commencing application, ensure the substrate and insulation boards are dry. Applying the adhesive onto wet surfaces reduces the bond strength.



**Figure 1 Application Pattern**

Using a snaking pattern, as illustrated within Figure 1, apply IKOpro PU Insulation Adhesive at the prescribed rates below.

#### **Main Roof Area:**

4 x 15mm continuous beads per 1200 x 1000mm board at 300mm centres to main roof.

#### **All perimeter and exposed edges:**

8 x 15mm continuous beads per 1200 x 1000mm board at 150mm centres to perimeter edges.

The insulation boards must be installed into wet PU adhesive at the specified coverage rate and prior to the adhesive 'skinning'. The 'skinning' of the adhesive should be monitored as this can be affected by site specific conditions, however this will generally occur within 3 to 15 minutes.

## **POST COMPLETION**

Information regarding disposal of empty containers or containers with residual liquid can be found within the relevant sections of the IKO Material Safety Data Sheet.

## **USE OF PRODUCTS CONTAINING ISOCYANURATES (PU based products)**

As of 24 August 2023, training is required for professional and industrial users of polyurethane adhesives, sealant and waterproofing products within the EU and UK.

### **Training**

Training and certification for product users, which involves passing an examination. A record of the training given to employees must be maintained by employers. Every five years, renewal of the training will be necessary.

A PU Training Platform has therefore been launched for product users within the EU and UK and can be reached via: [www.safeusediisocyanates.eu](http://www.safeusediisocyanates.eu)

The Restriction requires employers or the self-employed to ensure that industrial or professional users have successfully completed training on the safe use of diisocyanates prior to the use of the substance or mixture.

**The legal duty remains on employers to ensure that all users have successfully completed the required training before using the substance.**

## **OTHER RELEVANT DOCUMENTATION**

Where applicable, Material Safety Data Sheets (MSDS), Declaration of Performances (DoPs), and Third-Party Accreditations are available to view and download from the IKO website Resource Centre:

<https://ikogroup.co.uk/resource-centre/>

## **PRODUCT SUPPORT**

Should you have any queries in relation to this product please contact one of the relevant teams below:

<b>Technical</b>	<a href="mailto:technical.ab@iko.com">technical.ab@iko.com</a>
	- For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing
	<a href="mailto:technical.ma@iko.com">technical.ma@iko.com</a>
<b>Sales</b>	- For Mastic Asphalt
	<a href="mailto:technical.cc@iko.com">technical.cc@iko.com</a>
	- For Single Ply and Permasec Hot Melt
<b>Marketing</b>	<a href="mailto:sales.uk@iko.com">sales.uk@iko.com</a>
	<a href="mailto:getintouch.uk@iko.com">getintouch.uk@iko.com</a>

## **COMPANY ACCREDITATIONS**

IKO PLC, a roofing, waterproofing, and insulation company, holds various accreditations that demonstrate its commitment to quality, safety, and environmental responsibility. These include ISO certifications for quality management and occupational health and safety, British Board of Agrément (BBA) accreditations for specific products and systems, and Factory Mutual (FM) approval for certain roofing systems.

All our manufacturing plants have BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001, and BES 6001 accreditation, meaning we match the quality and sustainability requirements and use responsibly sourced raw materials in our production. We also re-use by-products from manufacture, wrap products in minimal packaging, and we employ a streamlined transportation network.



IKO is also a leading member of all relevant trade associations such as NFRC, BFRA, SPRA, LRWA, MAC, RSTA, BJA and LCRIG having technical experts within the technical and standards committees to help us get informed first-hand about recent updates on technical requirements for the design and installation of roofing, waterproofing, road and bridge maintenance industry products.



## **DISCLAIMER**

Whilst every precaution is taken to ensure that the information given in this literature is correct and up-to-date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserves the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was published.