

IKOpro PU BITUMEN MEMBRANE ADHESIVE

PRODUCT INFORMATION

IKOpro PU Bitumen Membrane Adhesive is a single component, low-foaming polyurethane adhesive, specifically developed to securely bond roofing membranes to a wide range of roofing substrates.

Pack Size	Product Code
6kg (6L)	58810001



USE

IKOpro PU Bitumen Membrane Adhesive is used for bonding bitumen membranes to various roof substrates.

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 red colour.

Independently Tested – BRE tested performance.

APPEARANCE & PERFORMANCE

Composition:	Polyurethane
Appearance:	Liquid
Colour:	Red
Size:	6L
Weight:	6kg
Performance	
Use:	Membrane adhesive
Coverage**:	25-30m ² per 6L tin
Application Temperature:	5-30°C
Open Time:	5-15 minutes at 20°C
Cure Time (typically):	60 minutes at 20°C

**20mm bead width at 200mm-250mm centres; coverage will be less on perimeter edges

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 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.

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 Bitumen Membrane Adhesive is to be installed must be clean, dry and fit for purpose.

APPLICATION

Prior to commencing application, ensure the substrate is 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 Bitumen Membrane Adhesive at the prescribed rates below.

Do not over apply or allow the adhesive to create puddles.

Main Roof Area:

4 x 20mm beads per m² to main roof.

All perimeter and exposed edges:

8 x 20mm beads per m² to perimeter edges.

Apply the bitumen membrane after application of the IKOpro PU Bitumen Membrane Adhesive and before the adhesive skins over, typically between 10-20 mins. Roll the membrane with a water filled roller after 10 mins to ensure a bond is achieved. Do not apply any adhesive to the side or end overlaps.

Approximately 20 minutes after installing, check that membrane has not lifted due to the foaming action of the adhesive.

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

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.

DISCLAIMER

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.

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.

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