

IKO Spectrabond Low Foaming PU Adhesive

Technical Data Sheet – Section 16.10

PRODUCT INFORMATION

High performance moisture cured single part, polyurethane adhesive used for bonding Armourplan SG/PSG and Spectraplan SG membranes to rigid insulation boards and other suitable substrates. It is cold applied and allows the safe and rapid bonding of suitable membranes. Applied using a roller or Squeegee and cures by reaction with atmospheric moisture.

Pack Size	Product Code
22kg	58960000



COMPOSITION

Base:	Polyurethane
Solid Content:	77%
Viscosity:	2800 cps @ 20°C
Colour:	Red/ Pink
Tack Life:	30 minutes @ 20°C
Flash Point:	N/A
Shelf life:	9 months

COVERAGE RATE

Substrate Texture	Approx coverage per 22kg container @ 20°C	Approx coverage per 22kg container @ 5-10°C
Smooth	90m ² or 250g/m	65m ² or 350g/m
Medium	55m ² or 400g/m	45m ² or 500g/m
Rough	45m ² or 500g/m	35m ² or 600g/m

INSTALLATION

Before use thoroughly stir the IKO Spectrabond Low Foaming PU Adhesive. Replace the container screw cap when work is interrupted.

Apply a coat of IKO Spectrabond Low Foaming PU Adhesive using a roller or squeegee to the substrate surface, covering only the area of roof where the membrane will be laid. Note: The PU adhesive must be given time to activate prior to applying the membrane. On activation i.e. the point at which the adhesive will afford the highest bond strength, the surface of the adhesive starts to change from pink/red to opaque.

Carefully apply the Armourplan SG/PSG or Spectraplan SG membrane into the primed surface. Roll over the membrane with a water filled roller or soft bristled broom to ensure intimate contact between the two surfaces.

Important: IKO Spectrabond Low Foaming PU Adhesive must only be applied in temperatures above 5°C. Failure to do so could result in the membrane 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.

STORAGE

IKO Spectrabond Low Foaming PU Adhesive should be stored away from sources of ignition. It should be stored in the original sealed container in dry conditions out of direct sunlight at a temperature between 5°C and 25°C. Shelf life is 9 months in an unopened container when stored at the above temperature.

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.

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:

Technical	technical.ab@iko.com - For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing technical.ma@iko.com - For Mastic Asphalt technical.cc@iko.com - For Single Ply and Permateg Hot Melt
Sales	sales.uk@iko.com
Marketing	getintouch.uk@iko.com

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, BES 6001, and PAS 2080 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.