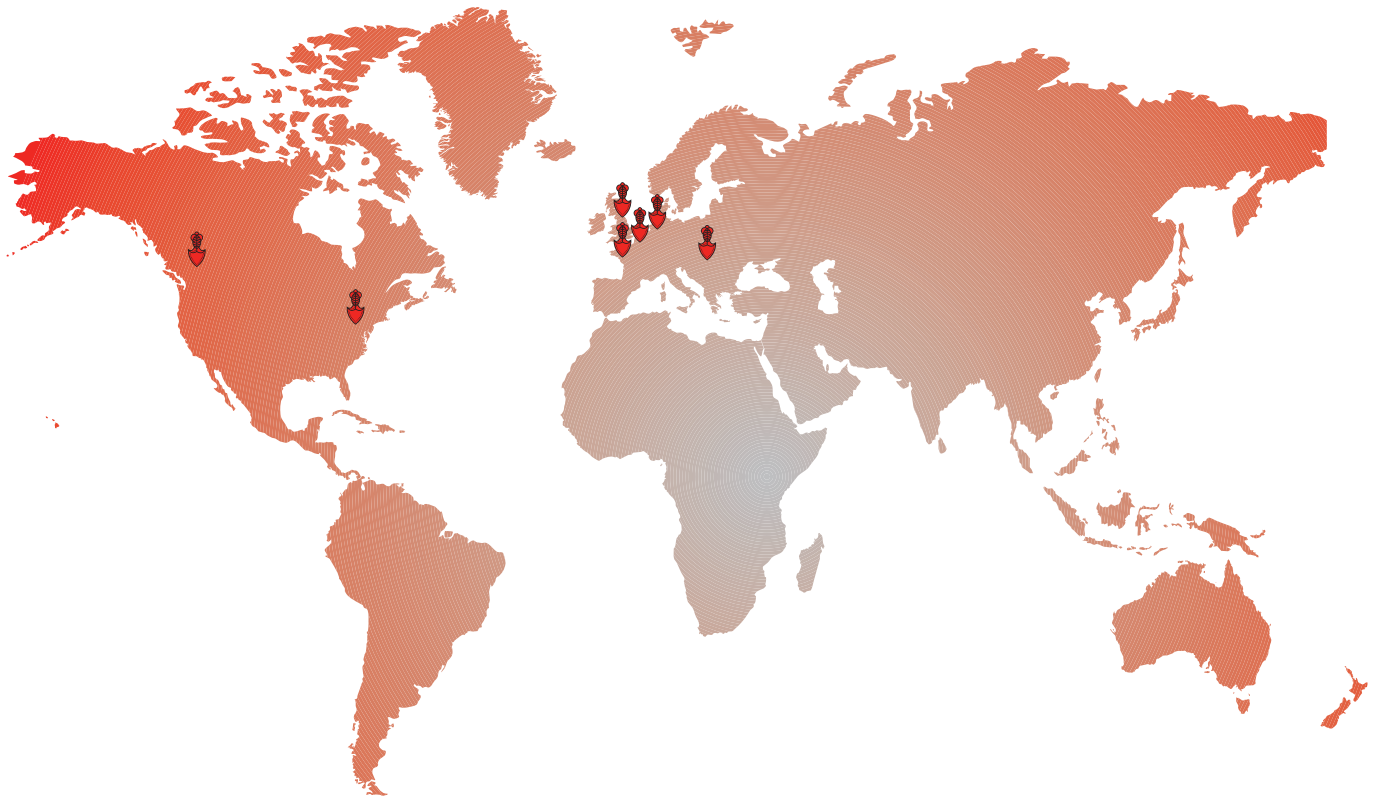


IKOpro Sprayfast BMA, for Bonding High Performance Bituminous Roofing Membranes



IKO is a **worldwide enterprise**, with more than **3000 employees**, and manufacturing plants in Canada, the United States, England, Belgium, Holland, France and Slovakia. The company's operations ship products to **96 countries** around the globe.



The IKO Group

Despite tremendous growth, IKO has also remained firmly rooted in its family values of **entrepreneurial spirit, craftsmanship and innovation**. The company maintains the fierce independence of its founder, and his belief in the importance of controlling the raw materials used in the manufacturing process.

IKO also strives to back the **best products** in the industry with the **best service**. The IKO family includes not just the ownership, but the thousands of dedicated employees across its global operations who share the company's ideals of craftsmanship, attention to detail and world-class service for our customers. The commitment of IKO's employees is the key pillar in the company's success in today's competitive marketplace.

The ultimate proof of the company's commitment to quality and innovation is its own success. From humble beginnings to a modern manufacturer with global reach, IKO has remained committed to the values that were the foundation of the business envisioned by our founder, **Isidore Koschitzky**. That combination of old-time values, combined with cutting edge technology and innovation, means IKO will continue to **Set the Standard** both now and in the future.

IKO in the UK

In the UK, the IKO name has become synonymous with delivering dependable waterproofing solutions backed by supreme levels of customer service. And little wonder. This hard earned reputation has been built on a foundation of quality and an ethos of customer service, which permeates through the organisation and remains as strong today as it did **100 years ago**.

The rewards speak for themselves. IKO PLC is now well established as the **UK market leader** in the design, manufacture and installation of roofing and waterproofing systems. With this enviable position comes an unwavering commitment and responsibility to continue investing in new product solutions, new manufacturing facilities and the industry's largest team of people, all dedicated to achieving excellence at every level.



IKOpro Sprayfast BMA

IKOpro Sprayfast BMA is a moisture-curing polyurethane adhesive specifically developed for bonding high performance bituminous roofing membranes to a wide range of insulation boards and other substrates. It utilises a modern canister system, and offers a high strength bonding solution which is quick and simply to apply.

Key Benefits

- Securely bonds to a range of substrates
- Fast, controlled and professional application
- Minimises on-site time and cost
- Aesthetically pleasing results
- Reduced operative discomfort

Securely Bonds to a Range of Substrates

IKOpro Sprayfast BMA is extremely versatile and is compatible with a variety of substrates, including IKO enertherm MG and IKO enertherm ALU insulation boards, timber and metal decks.

Fast, Simple and Professional Application

IKOpro Sprayfast BMA is faster and more accurate to apply than a standard hand-poured bead-applied PU adhesive. The product cures in as little as 20 minutes and, with a controlled bead size, it virtually eliminates any wastage on-site.

Minimises On-site Time and Cost

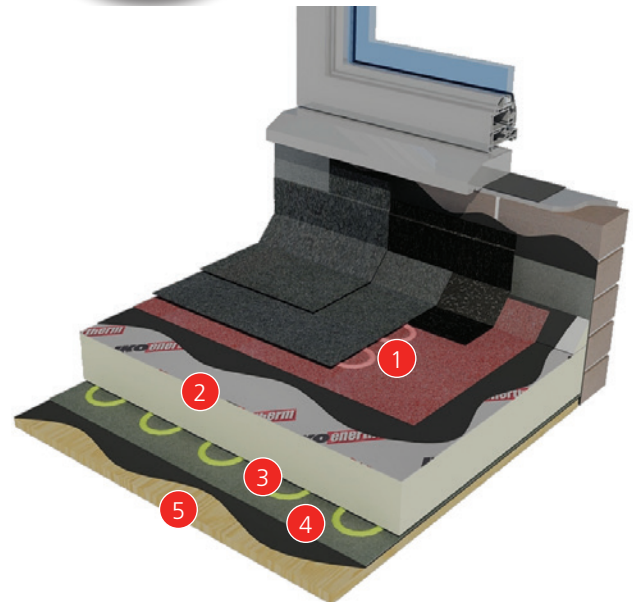
With a coverage rate of up to 190m² per canister*, IKOpro Sprayfast BMA is also extremely economical. Projects can be estimated more accurately and significant savings are possible thanks to the the predictability and efficiency that the product affords.

Aesthetically Pleasing Results

With IKOpro Sprayfast BMA, you can be confident of achieving a high quality, even finish. Its adhesive properties ensure that the membrane can be laid consistently flat, and the product also helps compensate for any uneven roof decks that might be encountered.

Reduced Operative Discomfort

Back pain can be a common complaint of many operatives, often caused by bending and stooping to apply hand-poured adhesives. IKOpro Sprayfast BMA can be applied quickly and safely thanks to the 3 metre hose/applicator. It is also simple to carry on-site due to the handles featured on the outer packaging.



- 1 IKOpro Sprayfast BMA
- 2 Insulation
- 3 IKOpro Sprayfast IBA
- 4 Vapour Control Layer
- 5 Deck

Guidelines for Use

IKOpro Sprayfast BMA is compatible with a variety of approved insulation boards and other common substrates.

Please note: there is no spray-tip required when using IKOpro Sprayfast BMA.

1. Ensure the insulation board or other roof substrate is dry and clean from grease, dirt and other contaminants before applying adhesive.
2. Set the canister up in accordance with IKO instructions.
3. Ensure the IKOpro Sprayfast BMA Canister is applying a bead of adhesive approximately 40-60mm wide.
4. Apply beads at 200-250mm centres (max) to the surface or in compliance with wind uplift calculations (see note below).
5. Allow 1-5 minutes and then roll the membrane directly into the IKOpro Sprayfast BMA.
6. Roll a 20kg water-filled roller across the membrane. Seal all laps within the membrane in accordance with manufacturer's instructions.

Coverage

Each canister of IKOpro Sprayfast BMA will cover up to 190m²* on smooth insulation board, up to 130m²* on a medium felt surface, and up to 70m²* on a rough roof surface. Coverage rates may be reduced on porous or uneven substrates.

*Coverage to be increased at perimeter edges, penetrations and openings in accordance with IKO specification.

Technical Data

Appearance	Red	Open-Time	1-5 minutes at 20°C
Temperature Resistance	-30-150°C	Application Temperature	5-30°C
Canister Coverage Rate	up to 190m ²	Storage	5-30°C
Cure-Time	20 minutes at 20°C	Environmental	Solvent-Free/Non-Flammable/ Non-Hazardous

The IKOpro Sprayfast Range of Tools & Accessories



IKOpro Sprayfast BMA is supplied as standard as a canister adhesive (450mm x 330mm) in a cardboard carry box. Other components required and supplied separately include:

- IKOpro Sprayfast Lance
- IKOpro Sprayfast Braided Hose
- IKOpro Sprayfast Cleaning Aerosol

Exceeds Independent Standards for Resistance to Wind Uplift

The IKOpro Sprayfast range significantly exceeds requirements for resistance to wind uplift, as given in BS EN 1991-1-4*. Expected wind uplift pressure for flat roofing is -1,000Pa for London and -2000Pa for Inverness. Roofing systems were constructed using IKOpro Sprayfast Adhesives using methods specified in EOTA TR005**, and achieved resistance figures of up to -9,000Pa - massively exceeding expected minimum standards.

*BSI EN 1991-1-4 provides guidance for the structural design of buildings for wind.

**EOTA TR005 specifies the method for determining resistance to wind loads.

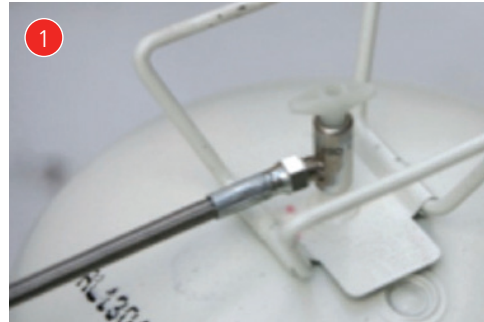
Canister Set-Up Guide

NB: It is important to set-up your IKOpro Sprayfast BMA Canister Adhesive correctly before use to ensure the best possible performance and to avoid leakage or system failure

1. Remove the black cap from the canister valve.
2. Attach the braided-hose to the canister valve (using the small nut). Tighten with a spanner (see image 1).
3. Attach the other end of the braided-hose to the gun-applicator (using the large nut). Tighten with a spanner (see image 2).
3. Fully open the valve on the canister.
4. Pull the trigger on the gun-applicator to apply the adhesive.
6. Adjust the bead width by turning the black valve on the gun-applicator anti-clockwise until you have a bead width of approximately 20-40mm (see image 3).

Maintenance Guide

1. Once work has been completed, ensure the valve on the canister remains open (see image 4). Failure to do this may cause the adhesive to block the hose.
2. Turn the gun-applicator off by turning the black valve clockwise until it is fully closed.
3. Clean the end of the gun-applicator with IKOpro Sprayfast Cleaning Aerosol using a nylon brush to ensure that the aperture is clear.
4. Once the canister in use is empty, the gun-applicator can be transferred to a new canister.



Canister with the braided-hose correctly attached.



Braided-hose and gun-applicator



Black valve to adjust bead width.



Leave the valve open.

Set-Up and Maintenance Guide

Canister Flushing System

The IKOpro Sprayfast Canister Flushing System is designed to ensure that the canister gun and hose remain free from blockages. Directions for use are as follows:

1. Ensure the valve on the canister is completely turned off before attaching the assembly. Unscrew the hose from the canister valve.
2. Attach the assembly to the valve. Ensure the assembly remains upright whilst you tighten the nut on it (see image 6).
3. Attach the hose to the assembly. Ensure the assembly remains upright whilst you tighten the hose.
4. Check the tap on the assembly is off before applying the IKOpro Sprayfast Cleaning Aerosol.
5. Screw the IKOpro Sprayfast Cleaning Aerosol into the adaptor (see image 7). Turn the tap on the assembly to the 'on' position to release the IKOpro Sprayfast Cleaning Aerosol into the hose (see image 8).
6. Aiming the gun into a waste container, apply pressure to the trigger on the gun to push the IKOpro Sprayfast Cleaning Aerosol through the hose and gun until the adhesive starts to dispense. Keep pressure on the trigger until the hose and gun are thoroughly cleaned (see image 9).

Emptying and Disposing of Your Canister Safely

1. IKOpro Sprayfast canisters contain compressed gas, and it is important that they are completely empty and depressurised before disposal. Each canister should be emptied by carefully opening the valve, which will release any excess adhesive and/or pressure (see image 10).
2. Allow any excess adhesive and/or pressure to fully escape into a suitable container. Leave the valve open.
3. Once the canister is empty and completely depressurised, the circular disk can be pierced using a non-ferrous bar/rod. Allow any remaining adhesive to cure. The empty depressurised canister should be disposed/recycled in accordance with site regulations.
4. Information on storing canisters can be found on the following websites: www.bama.co.uk/transport-storage/ and www.hse.gov.uk/pubns/priced/hsg71.pdf. Alternatively, please call IKO PLC for further guidance.



Canister assembly.



Tighten the nut.



Screw Cleaning Aerosol into the adaptor.



Turn the tap on.



Dispense the adhesive.



Open the valve.



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