



IKOpro Sprayfast IBA



Fast-Track, Professional Insulation Bonding Adhesive



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Insulation Bonding Adhesive

Introduction

IKOpro Sprayfast IBA is a moisture-curing polyurethane adhesive that can be applied faster and more accurately than standard hand-poured PU adhesives. It utilises a new canister system, enabling rapid, professional bonding of a wide range of insulation boards to VCL or straight to deck.

Key Benefits

- Minimises time onsite
- Reduced onsite cost
- Ensures a smooth finish
- Benefits for onsite/storage
- Minimises operative discomfort



Minimises Time Onsite

IKOpro Sprayfast IBA is faster to apply than a standard hand-poured bead-applied PU adhesive. One square metre of insulation board can be covered in as little as 2-3 seconds, and the product cures in as little as 15 minutes.

Reduced Onsite Cost

The IKOpro Sprayfast pressurised canister system not only enables you to apply adhesive quickly, it also ensures a more precise and professional application. With a controlled bead size, the system eliminates wastage, and with a coverage rate of up to 350m² per canister, it is also extremely economical.

Ensures a Smooth Finish

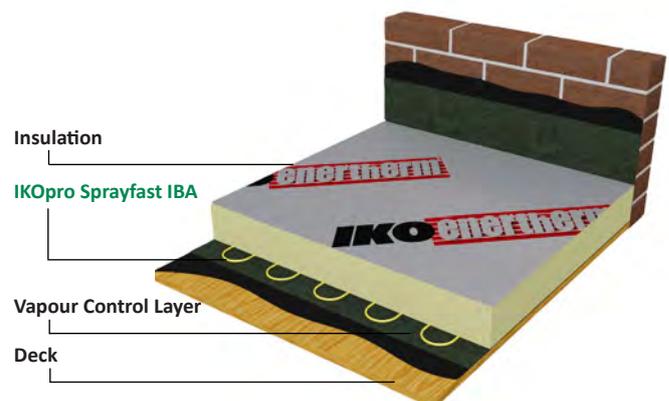
Some insulation adhesives that have been developed to compensate for uneven roof decks can cause the insulation board to rise, which can lead to the costly and timely re-work of the roof. IKOpro Sprayfast IBA foams sufficiently to compensate for undulations, whilst its adhesive properties ensure that the insulation board stays flat and even. It foams and rises immediately to allow an immediate 'grab' of the board, but it does not continue to rise once the board has been laid.

Benefits for Onsite/storage

IKOpro Sprayfast IBA is a solvent-free, multipurpose adhesive that is compatible with a variety of insulation boards, including EPS, XPS and PIR (tissue and foil-faced). Unlike many other canisters on the market, it also contains non-flammable gas, which can make the product much easier to store onsite in compliance with ADR regulations.

Minimises 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 IBA can be applied quickly and safely thanks to the 3 metre hose/applicator. It is also simple to carry onsite due to the handles featured on the outer packaging.



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Guidelines for Use

IKopro Sprayfast IBA is compatible with a variety of insulation boards, including EPS, XPS and PIR (tissue and foil-faced).

Please note: there is no spray-tip required when using IKopro Sprayfast IBA.

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 as described in the 'Set-Up and Maintenance Guide'.
3. Ensure the IKopro Sprayfast IBA Canister is applying a bead of adhesive approximately 20-40mm wide.
4. Apply beads at 200-300mm centres to VCL/deck or in compliance with wind uplift calculations.
5. Place the insulation board directly into the IKopro Sprayfast IBA.
6. Apply pressure to the insulation board to ensure full contact with IKopro Sprayfast IBA.
7. Allow to cure before weatherproofing the insulation board.

IKopro Sprayfast IBA 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



The IKopro Sprayfast range of tools and accessories

Coverage

Each canister of IKopro Sprayfast IBA will cover up to 350m²*. Coverage rates may be reduced on porous or uneven substrates.

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

Technical Data

Appearance	Green	Open-Time	1-10 minutes at 20°C
Temperature Resistance	-30-150°C	Application Temperature	5-30°C
Canister Coverage Rate	up to 350m ²	Storage	5-30°C
Cure-Time	15 minutes at 20°C	Environmental	Solvent-Free/Non-Flammable/ Non-Hazardous

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.

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Set-Up and Maintenance Guide

Canister Set-Up Guide

NB: It is important to set-up your IKopro Sprayfast IBA 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).
4. Fully open the valve on the canister.
5. 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).



Image 1: Canister with the braided-hose correctly attached



Image 2: Braided-hose and gun-applicator

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.



Image 3: Black valve to adjust bead width



Image 4: Leave the valve open

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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).



Image 5: Canister assembly



Image 6: Tighten the nut



Image 7: Screw Cleaning Aerosol into the adaptor



Image 8: Turn the tap on

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.



Image 9: Dispense the adhesive



Image 10: Open the valve



IKO PLC

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