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# Icopal SSI Membrane Spray Adhesive

## Roofing Adhesives



### Introduction

Icopal SSI (single sided) Membrane Spray Adhesive is part of the range of Icopal professional high-performance spray applied adhesives. It offers a speedy application reducing costs by saving time and material.

### Description

Icopal SSI Membrane Spray Adhesive is a self-contained airless spray polyurethane adhesive system supplied in a 22 litre canister. The system comprises the adhesive canister, a moisture block hose which is black with blue ends and application spray gun.

### Intended Use

Icopal SSI Membrane Spray Adhesive is intended for use as an adhesive to bond Icopal PVC and FPO fleece-backed single ply roof membranes.

### Benefits

- Self-contained airless spray adhesive system.
- Single sided application with up to 85 m<sup>2</sup> coverage per can.
- Excellent alternative to roller applied fleeceback adhesives.
- Robust, pressurised container – can be used in most conditions.
- Gun does not need to be cleaned after each use. Turn the gun off after use and the moisture block hose prevents insulation from curing inside the gun or hose.
- Long reach wand allows operator to stand during application.

### Properties

Container size	22 Litre
Coverage	Up to 85 m <sup>2</sup>
Bond Type	Single Sided
Tack Time	15 minutes
Colour	Pink
Flammability	Flammable
Application Temperature	10 °C to 35 °C
Storage Temperature	above 5 °C
Shelf life (Unopened):	12 months

1. provided gun is closed properly after use.



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### Surface Preparation

All surfaces to receive Icopal SSI Membrane Spray Adhesive must be clean, dry and free of dust, grease and oil and anything that may affect the adhesion and performance of the adhesive.

The surface, on or against which adhesive is to be applied, shall be clean, smooth, dry, free of fins, sharp edges, loose and foreign materials, oil and grease. Depressions greater than 6 mm should be feathered, using epoxy, mortar or other approved patching material.

**Important Note:** The adhesive is **not compatible** with expanded polystyrene (EPS) insulation boards.

### Application

Please refer to the 'Technical Data' section regarding application temperatures. Icopal SSI Membrane Spray Adhesive is a moisture cure product and any moisture present in the air will speed up the curing process.

On initial use, or if the canister has been standing for more than 12 hours, shake the canister from side to side for 30 seconds.

For full connection and application instructions consult the supplied application guide.

Once connected and engaged do not turn off the canister or hose valves again until the canister is empty or you are changing to a new canister, or you are finished and want to clean the gun and hose.

The adhesive is applied by spray application using a spray gun. During application keep the tip of the lance approximately 250 mm above the substrate.

Note: the adhesive is not suitable for use in detail work.

Position the waterproofing membrane. Spray an even coat of adhesive to the substrate only to cover 100% of the surface, moving side to side in an advancing manner. The application will result in a 'splatter' spray.

Note: Leave the adhesive open for 3–5 minutes for the adhesive to become tacky.

Roll the membrane into the adhesive coated substrate avoiding wrinkles in the sheet. Immediately roll with a weighted roller or broom to achieve maximum contact and a smooth, flat finish without air pockets. It may be necessary to roll the membrane again to achieve maximum contact.

### Cleaning

During application keep the tip of the application gun clean to prevent blockages by using the Icopal Adhesive Cleaning Kit. The kit comprises a 150 ml can of acetone cleaner, a wire brush and a spanner.

At the end of work, clean the gun and hose before storage. Connect the hose to Icopal B Safe Cleaner Canister in the same way as a new canister of adhesive. Flush through the gun and hose by discharging the cleaner into a bucket or container until all the residue has been removed and the equipment is clean.

### Delivery and Storage

The product is delivered to site in a cardboard box. The product must be stored on a flat level surface, under cover and away from exposure to the sun and away from heat sources.

### Health and Safety

Health and safety data sheets are available for all materials. Please contact Icopal's Technical Services Department for further information.

### Technical Services

Specialist advice and design guidance on all matters relating to Icopal SSI Membrane Spray Adhesive is freely available from our Technical Department at the address below.

### Availability

Item Code	Description	Size
3101844	Icopal SSI Spray Adhesive Canister	22 L
3101845	SSI Spray Adhesive Gun	600 mm
3101885	Nozzle 8002 for Field Gun (Spare)	-

3101841	SSI Spray Adhesive Hose	4 m
3101855	Icopal Adhesive Cleaning Kit	150 ml
3006754	SSI Spray Adhesive B Safe Cleaner	4.1 kg

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.