

## Bituminous Vapour Control Layers

### Product Details

<b>Product</b>	Systems T-O Underlayer	Systems S-A Underlayer
<b>Roll Weight</b>	38.2 Kg	33.0 Kg
<b>Weight</b>	3.18 Kg/m <sup>2</sup>	2.06 Kg/m <sup>2</sup>
<b>Roll Dimensions</b>	12 x 1m	16 x 1m
<b>Base Type</b>	170g/m <sup>2</sup> Polyester	170g/m <sup>2</sup> Polyester
<b>Moisture Vapour Resistance</b>	>1000 MNs/g	>1000 MNs/g
<b>Product Code</b>	62150000	62160000



## Introduction

IKO Systems Underlays are for use as vapour control layers for adhered IKO Polymeric roofing systems that can be applied in a range of ways.

**Systems T-O Underlayer (Torch-on)** - Systems T-O Underlayer consists of a polyester carrier coated with SBS rubber modified bitumen. The upper surface is finished with fine sand and the lower surface has a sacrificial film which rapidly melts during the torching operation.

**Systems S-A Underlayer (Self-Adhesive)** - Systems S-A Underlayer is an elastomeric self-adhesive underlayer incorporating a robust polyester reinforcement for greater durability, coated with SBS modified bitumen. The product has a smooth upper surface that forms an ideal surface for bonding thermal insulation.

### Features & Benefits

- High tensile polyester base
- High resistance to damage and delamination
- SBS bitumen coating offering excellent low temperature flexibility
- Prevents penetration of water vapour and damage to roof construction
- Range of application methods to suit project requirement

## Storage

IKO Systems Underlayers should be stored on end, on a clean level surface away from excessive heat and under cover. Self-adhesive membranes should be stored between 10°C -20°C for 24 hours prior to use.

## Systems T-O Underlayer Application

1. Systems T-O Underlayer should be installed in accordance with BS 8217: 2005, Code of Practice for built up roofing and to IKO Polymeric specifications.
2. All roof decks, and upstands must be primed with IKOpro Quick Dry Primer and allowed to dry prior to application of torch applied membranes.
3. Apply Systems T-O Underlayer by melting the heat dispersible backing and coating to create a molten flow in front of the roll.
4. The flame of the torch should be applied at the low point where the roll meets the substrate or underlay.
5. As the film and bitumen melt, roll the roofing forward.
6. A bead of bitumen must exude from all lap joints to ensure a seal.

**Note - The application of torch-on systems should follow the recommended good practices for torch-applied membranes. Care must be taken when using torch applied membranes in close proximity to combustible materials, decorative coatings and heat sensitive materials. Torch on systems should NOT be used on timber substrates.**

## Systems S-A Underlayer Application

1. Systems S-A Underlayer should be installed generally in accordance with BS 8217: 2005, Code of Practice for Reinforced bitumen membranes for roofing, and to IKO Polymeric specifications.
2. All roof decks, and upstands must be primed with IKOpro Systems Bonding Agent and allowed to dry prior to application of self-adhesive membranes.
3. The membrane should be installed as soon as possible after the bonding agent has dried.
4. Self-adhesive membranes should be installed by laying out the roll into the correct position with the release paper intact and cut to size.
5. Roll back to the centre and carefully cut through the release film.
6. Roll the roll forward, at the same time removing the release paper and smoothing on to the substrate.
7. Repeat process for the second half of the roll.
8. All side laps should be a minimum of 75mm and end laps 100mm and sealed by hot air welding.
9. As with all self-adhesive membranes, Systems S-A Underlayer is easiest to apply at a temperature over 10°C.

## Further Product Information

Full product literature and technical sheets are available as downloads from our website: [www.ikopolymeric.com](http://www.ikopolymeric.com) or on request by email to [polymeric.marketing@iko.com](mailto:polymeric.marketing@iko.com)

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