

## BITUMINOUS VAPOUR CONTROL LAYERS

### PRODUCT INFORMATION

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 (H-A) Heat-Activated Detailing Underlay:** Systems H-A Detailing Underlay 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.

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

### 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



### SYSTEMS H-A DETAILING UNDERLAYER APPLICATION

Systems H-A Detailing 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.

All roof decks, and upstands must be primed with IKOpro Systems Bonding Agent and allowed to dry prior to application of self-adhesive membranes.

The membrane should be installed as soon as possible after the bonding agent has dried.

Heat-activated membranes should be installed by

laying out the roll into the correct position with the release paper intact and cut to size. Roll back to the centre and carefully cut through the release film.

Roll the roll forward, at the same time removing the release paper and smoothing on to the substrate. Repeat process for the second half of the roll. All side laps should be a minimum of 75mm and end laps 100mm and sealed by hot air welding.

Systems H-A Detailing Underlayer is easiest to apply at a temperature over 10°C.

## **SYSTEMS T-O UNDERLAYER APPLICATION**

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. All roof decks, and upstands must be primed with IKOpro Quick Dry Primer and allowed to dry prior to application of torch applied membranes.

Apply Systems T-O Underlayer by melting the heat dispersible backing and coating to create a molten flow in front of the roll.

The flame of the torch should be applied at the low point

where the roll meets the substrate or underlay. As the film and bitumen melt, roll the roofing forward. 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.

## **FURTHER PRODUCT INFORMATION**

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