

THE  
**SIGNATURE**<sup>®</sup>  
 TORCH ON SYSTEM RANGE

## SIGNature Underlays

Performance Underlays with three warranty options

### Features and Benefits

- High tensile polyester base (SIGNature Underlay25 & SIGNature UnderlaySA)
- High resistance to damage and delamination
- SBS bitumen coating offering excellent low temperature flexibility
- Prevents penetration of water vapour and damage to roof construction
- Choice of product type to suit warranty required

### Description

#### SIGNature Underlay25 (Torch On)

SIGNature Underlay25 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. If used in conjunction with the SIGNature Cap Sheet and a surface prep layer (if required) a 25 year product warranty can be applied for on this system.

#### SIGNature Underlay20 (Torch On)

SIGNature Underlay20 consists of a glass tissue carrier coated with rapid flow SBS modified bitumen. The product has a sanded upper surface and the lower surface has a sacrificial film which rapidly melts during the torch application. If used in conjunction with the SIGNature Cap Sheet and a surface prep layer (if required) a 20 year product warranty can be applied for on this system.

#### SIGNature UnderlaySA (Self Adhesive)

SIGNature UnderlaySA is an elastomeric self-adhesive, polyester fabric reinforced underlay. Coated with SBS modified Bitumen that has a smooth upper surface that forms an ideal surface for bonding subsequent cap sheets and has a release film backing. Using this underlay option will qualify for a 20 or 25 year warranty if used in conjunction with the SIGNature Fire Rated Cap Sheet.

### Product Details

Product	<b>SIGNATURE</b> <sup>®</sup> UNDERLAY 25 YEAR WARRANTY	<b>SIGNATURE</b> <sup>®</sup> UNDERLAY 20 YEAR WARRANTY	<b>SIGNATURE</b> <sup>®</sup> UNDERLAY 25 YEAR WARRANTY
Roll weight	38.2kg	36.0kg	33kg
Weight	3.18kg/m <sup>2</sup>	2.25kg/m <sup>2</sup>	2.06kg/m <sup>2</sup>
Roll Dimensions	12m x 1m	16m x 1m	16m x 1m
Base Type / Carrier	170g/m <sup>2</sup> Polyester	Glass tissue	170g/m <sup>2</sup> Polyester



## Application

### **SIGNature Underlay25**

SIGNature Underlay25 should be installed in accordance with BS 8217: 2005, Code of Practice for built up roofing and to SIGNatures specifications. Application should follow the recommended good practices for torch-applied membranes. Apply SIGNature25 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.

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.

### **SIGNature Underlay20**

SIGNature Underlay20 should be installed generally in accordance with BS 8217: 2005, Code of Practice for Reinforced bitumen membranes for roofing, and to SIGNatures specifications. Application should follow the recommended good practices for torch-applied membranes. Apply SIGNature Underlay20 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.

### **SIGNature UnderlaySA**

SIGNature UnderlaySA should be installed generally in accordance to BS 8217: 2005 Code of Practice for Reinforced Bitumen Membranes for Roofing and to SIGNature specifications. All roof decks and upstands must be primed with IKO Bonding Agent and allowed to dry prior to application of the underlay.

SIGNature UnderlaySA must be installed as soon as possible after the bonding agent has dried. Self-adhesive 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 of the run and carefully cut through the release film.

Roll the roll forward at the same time removing the release paper and smoothing onto the substrate. Repeat the process for the second half of the roll, ensuring that there are no bubbles of trapped air. All lap joints in the underlay should be a minimum of 100mm and pressure rolled to ensure a good seal. As with all self-adhesive membranes, SIGNature UnderlaySA is easiest to apply at a temperature over 10°C.

## Storage

SIGNature Underlays should be stored on end, on a clean level surface away from excessive heat and under cover.

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Full product literature, health & safety and technical sheets are available as downloads from our website [www.sigroofing.co.uk](http://www.sigroofing.co.uk) or on request by email: [info@sigroofing.co.uk](mailto:info@sigroofing.co.uk)

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