Ultimate Performance Underlays with a Range of Application Methods

Features and 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

Description

Systems P&R Underlayer (Pour and Roll)
Systems P&R Underlayer consists of a polyester carrier coated with SBS rubber modified bitumen. Both surfaces are finished with sand to prevent sticking in the roll.

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 subsequent cap sheets and a release film backing.

Product Details

<table>
<thead>
<tr>
<th></th>
<th>Systems P&amp;R Underlayer</th>
<th>Systems T-O Underlayer</th>
<th>Systems S-A Underlayer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>62140000</td>
<td>62150000</td>
<td>62160000</td>
</tr>
<tr>
<td>Roll weight (kg)</td>
<td>34.7</td>
<td>38.2</td>
<td>33.0</td>
</tr>
<tr>
<td>Weight (kg/m²)</td>
<td>2.17</td>
<td>3.18</td>
<td>2.06</td>
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<tr>
<td>Roll Dimensions</td>
<td>16m x 1m</td>
<td>12m x 1m</td>
<td>16m x 1m</td>
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<tr>
<td>Base Type</td>
<td>170g/m² Polyester</td>
<td>170g/m² Polyester</td>
<td>170g/m² Polyester</td>
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</tbody>
</table>

Application

Systems P&R Underlayer
Systems P&R Underlayer is applied by traditional pour and roll methods and should be installed in accordance with BS 8217: 2005, Code of Practice for built up roofing and to IKO's specifications. Hot bitumen is poured (or applied by a mop) in front of the roofing felt roll, which is then unrolled into the bitumen, spreading it to give a continuous coating for the full width. Alternatively, membranes can be bonded with IKO approved cold adhesives, strictly in accordance with IKO specifications. The membrane is applied with minimum 75 mm side and end laps.
Systems T-O Underlayer
Systems T-O Underlayer should be installed in accordance with BS 8217: 2005, Code of Practice for built up roofing and to IKO’s specifications. Application should follow the recommended good practices for 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.

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.

Systems S-A Underlayer
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 specifications. All roof decks, and upstands must be primed with IKOpro 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. 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 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 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, Systems S-A Underlayer is easiest to apply at a temperature over 10°C.

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 5°C -24°C for 24 hours prior to use.

Other Products
Full product literature, health & safety and technical sheets are available as downloads from our website www.ikogroup.co.uk or on request by email: marketing@ikogroup.co.uk

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