STRATAPRO SA
Self Adhesive Bituminous Waterproofing System

www.icb.uk.com
The STRATAPRO SA range has been developed to provide a traditional two layer felt system without the associated risks from torching. Derived from our high performance STRATAPRO M system, the STRATAPRO SA system offers the same membrane technology, combining SBS and APP bitumen to provide a strong and flexible waterproofing system.

The STRATAPRO SA System fully complies with the NFRC’s (National Federation of Roofing Contractors) Safe2Torch guidance AND enables an RBM (Reinforced Bitumen Membrane) System to be used on site where ALL torch applied works are prohibited.

**STRATAPRO SA system is ideal for use as:**

- New Build or Refurbishment work
- A fully or partially torch-bonded waterproofing for flat or pitched roofs
- Sites where NO TORCH works are permitted
- Compliance with Safe2Torch Guidance
- Domestic or commercial sites
ICB (Waterproofing) Ltd commissioned independent testing of the STRATAPRO SA system for reaction to fire and resistance to wind loading.

The system, using a build-up of STRATAPRO M SA, STRATABASE SA and PIR insulation has been tested to both BS476:3 and DD ENV 1187 and holds EXT.F.AB and BROOF(t4) respectively. The system was also subjected to dynamic wind uplift testing and can withstand wind uplift forces of up to 5 kPa*.

*Subject to safety factor. Please consult ICB for more info
STRATAPRO M SA

FLAME FREE, SELF-ADHESIVE REINFORCED BITUMEN MEMBRANE HIGH PERFORMANCE CAP SHEET

STRATAPRO M SA is a multi-layer composite bitumen waterproofing membrane. The underside of the membrane is made of SBS modified bitumen, while the upper layer is made of APP modified bitumen. The SBS on the lower face offers a high level of flexibility and boasts elongation of up to 2000%. It will remain flexible in temperatures as low as –25°C and has a high resistance to thermooxidative aging. The upper layer consists of an elastoplastomeric mix of distilled bitumen, atactic and isotactic polypropylene and UV resistant polyolefin elastomers, supplemented with thermal shock stabilisers. The membrane has a self-adhesive backing, consisting of a specially selected mix of Venezuelan bitumen, tackifying resins and radial and linear elastomeric thermoplastic polymers.

The STRATAPRO M SA system provides a traditional felt system that can be used in areas where hot works are not permitted. It has been independently tested for Wind and Fire resistance with data proving the system can withstand wind forces of up to 5kPa* and holds both EXT.F.AB and Broof(t4) fire resistance ratings.

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### STANDARD T

<table>
<thead>
<tr>
<th>Reinforcement</th>
<th>Composite Three-layer Non-woven Spunbond and fiberglass</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>EN 1849-1 ±0,2</td>
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<tr>
<td>Weight Mineral</td>
<td>EN 1849-1 ±15%</td>
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<tr>
<td>Roll Size</td>
<td>EN 1848-1 ≥</td>
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</table>

*Subject to safety factor. Please consult ICB for more info*
STRATABLESA

ELASTOMERIC DISTILLED POLYMER-BITUMEN
SELF-ADHESIVE BASE LAYER

STRATABLESA consists of thick elastomeric (SBS) distilled polymer-bitumen membrane, reinforced with a non woven composite polyester fabric and stabilised with fibre glass, offering high mechanical resistance and dimensional stability. The membrane has a self-adhesive backing, consisting of a specially selected mix of Venezuelan bitumen, tackifying resins and radial and linear elastomeric thermoplastic polymers. The top face of STRATABLESA is protected by a Flamina film, which makes it possible to join sheets using the self-adhesive backing without any waste, no matter how the roll is cut.

The STRATABLESA range provides a traditional felt system that can be used in areas where hot works are not permitted. The STRATABLESA self-adhesive backing allows the membrane to be directly applied to insulation boards and timber surfaces.


<table>
<thead>
<tr>
<th>STANDARD</th>
<th>T</th>
<th>STRATABLESA SA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement</td>
<td>Non-woven composite polyester stabilised with fibre glass</td>
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<tr>
<td>Thickness</td>
<td>EN 1849-1</td>
<td>±0,2</td>
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<tr>
<td>Mass Per Unit Area</td>
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<tr>
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STRATA CON SA

AIR & VAPOUR CONTROL LAYER (AVCL)

STRATA CON SA is a self-adhesive membrane consisting of a special compound based on distilled bitumen, modified with selected polymers and tackifiers and reinforced with a fiberglass core. STRATA CON SA self-adhesive modified bitumen blend assures good flexibility at low temperatures and provides excellent adhesion to various substrates.

STRATA CON SA is suitable for use as an AVCL in low to medium humidity environments such as shops, offices and private dwellings.

<table>
<thead>
<tr>
<th>Standard</th>
<th>Features</th>
<th>Units</th>
<th>STRATA CON SA Nominal Values</th>
<th>Tolerances</th>
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<tbody>
<tr>
<td>EN 1848-1</td>
<td>LENGTH</td>
<td>m</td>
<td>15</td>
<td>&gt; as/declared</td>
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<tr>
<td>EN 1848-1</td>
<td>WIDTH</td>
<td>m</td>
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<td>-0,5%</td>
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<tr>
<td>EN 1849-1</td>
<td>THICKNESS</td>
<td>mm</td>
<td>2</td>
<td>± 0,2</td>
</tr>
</tbody>
</table>

Quick and easy installation
Compatible with most waterproofing systems
Flame Free
Helps remove the risk of condensation

EVAPRIME SA

A high-performance, solvent based primer for bonding a variety of self-adhesive membranes and vapour control layers to a variety of substrates.

EvaPrime SA ensures that self-adhesive membranes can be used all year round and increases the bond strength between the membrane and substrate dramatically. It provides an outstanding bond and has been formulated to allow simple application providing a bond that exhibits high adhesive and cohesive strength with good flexibility.

Quick drying time with instant grab
Excellent resistance to aging
Roller /spray application
Suitable for application in high and low temperatures
INSTALLATION PROCESS

Prime the substrate with Evaprim SA

Apply StrataCon SA

Lay insulation and adhere it with Instastick, prime with EvaPrime SA & apply StrataBase SA

Prime face of StrataBase SA

Install StrataPro M SA

Using a heat gun, weld the laps to seal the membrane

Ensure 5-10mm uniformal bead is formed
TECHNICAL SERVICES

Roof Surveys / Condition Reports Specifications
Rainwater Calculations
Wind Uplift Calculations
'U' Value & Condensation Risk Analysis
Roof Safety Advice
Roof Mounted PV Calculations & System Design
Green & Blue Roof Design