



## ECOVENT Vapour Equalization Sheet

### Description

ECOVENT is a perforated vapour equalization base sheet, consisting of a specially perforated fiberglass mat, impregnated and coated with APP modified bitumen. The perforations are approximate 40mm in diameter, and are evenly distributed.

### Uses

Ecovent is used to provide uninterrupted venting of entrapped moisture in the existing substrate, also commonly found in new light weight or foam concrete.

The vent sheet allows vapour to move freely underneath the cap sheet, thus preventing blistering and bubbles.

Vapour is dispersed through roof vents, if any, evenly placed across the roof.

### Application Method

- Ecovent is produced with a thin film of flammable polythylene film on both sides.
- The surface to be waterproofed should be clean and free from any contaminants.
- Distribute the roof vents, if any, evenly across the roof.
- Lay the Ecovent loosely over the roof at 10 cm overlaps.
- Seal the overlaps by torching.
- Cut the Ecovent neatly around the roof vents, if any, and adhere it to the aerator base by torching.
- Unroll the cup sheet over the Ecovent sheet and align it for torching in the normally recommended method.
- During the torching process the thin PE film on the Ecovent will burn off and the molten bitumen of the cap sheet will flow through the Ecovent perforation and adhere to the surface, thus uniformly 'Spot Bonding' the cap sheet.
- Any trapped vapour will travel between the spot bonding under the Ecovent and escape through the roof vents, if any.

### Technical Data

<b>Size</b>	<b>1 x 20 Meters / Roll</b>
<b>Weight</b>	<b>2.3 Kg / Sqm</b>
<b>Reinforcement</b>	<b>40 g/m<sup>2</sup> Perforated Fiberglass Mat</b>
<b>Softening Point (R&amp;B)</b>	<b>150 Deg C</b>
<b>Penetration</b>	<b>15-20 dmm</b>
<b>Cold Flexibility</b>	<b>0 Deg C</b>
<b>Heat Resistance</b>	<b>&gt; 100 Deg C</b>
<b>Longitudinal Crookedness</b>	<b>0.mm / 10 m</b>
<b>Shape Stability at Low Temperature (0 Deg C)</b>	<b>No Deformation</b>