### Insulation Products and Systems: Roofs

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<th>Manufacturer Name</th>
<th>EVPD Reference</th>
<th>Insulation Product / System Type</th>
<th>Description of Wall / Floor / Roof make-up including insulation product and ancillaries</th>
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<td>Roof Care CO. L.L.C.</td>
<td>RFC-ROO-RER1-001</td>
<td>Combo Roofing System</td>
<td>1. 150mm Dense Reinforced Concrete roof slab, {density = 2400 Kg/m³, thermal conductivity = 1.9 W/mK}, by others. 2. Roofcare insulated roofing system comprising: 155mm Spray applied Polyurethane Insulation (45-50 Kg/m³ density, thermal conductivity = 0.022 W/mK) Polytex- liquid elastomeric UV Protection coating (600 microns) (not relied upon in U-value calculation). Polyfab geotextile separation layer (120gsm) (not relied upon in U-value calculation). Screed concrete (to falls 1:120) (Average 80mm thick) (density = 2500 Kg/m³, thermal conductivity = 1.3 W/mK). Polyflex- Comboflex cementitious top coating (not relied upon in U-value calculation). Polyflex and Polytex act as vapour barriers.</td>
<td>RC-CR-001</td>
<td>0.15</td>
<td>25 years</td>
<td>Normal</td>
<td>Section drawings: RC-CR-001.pdf</td>
<td>Roofcare must undertake installation</td>
</tr>
<tr>
<td>Roof Care CO. L.L.C.</td>
<td>RFC-ROO-RE2-003</td>
<td>Combo Roofing System</td>
<td>1. 150mm Dense Reinforced Concrete roof slab, {density = 2400 Kg/m³, thermal conductivity = 1.9 W/mK}, by others. 2. Roofcare insulated roofing system comprising: 180mm Spray applied Polyurethane (45-50 Kg/m³ density, thermal conductivity = 0.022 W/mK) Polytex- liquid elastomeric UV Protection coating (600 microns) (not relied upon in U-value calculation). Polyfab geotextile separation layer (120gsm) (not relied upon in U-value calculation). Screed concrete (to falls 1:120) (Average 80mm thick) (density = 2500 Kg/m³, thermal conductivity = 1.3 W/mK). Polyflex- Comboflex cementitious top coating (not relied upon in U-value calculation). Polyflex and Polytex act as vapour barriers.</td>
<td>RC-CR-003</td>
<td>0.12</td>
<td>25 years</td>
<td>Normal</td>
<td>Section drawings: RC-CR-003.pdf</td>
<td>Roofcare must undertake installation</td>
</tr>
</tbody>
</table>

**Manufacturer Name:** Roof Care CO. L.L.C.  
**EVPD Reference:** RFC-ROO-RER1-001, RFC-ROO-RE2-003  
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