Space Blanket

Description
Space Blanket is a premium range of ‘encapsulated’ glass mineral wool products for use between ceiling joists or on top of existing insulation. The sleeved encapsulation is a part metallised polythene film that reflects heat and makes them extra easy and comfortable to install. They are also ‘compression packed’ for less handling and expand when unrolled.

Application
Space Blanket is used for the thermal insulation of pitched roofs at ceiling level. Space Blanket is usually laid in two layers, with the first layer between the joists and the second layer at right angles to and over the joists, except Space Blanket Kingsize which is used only as the second layer over the joists.

Standards

Performance

Thermal
The Space Blanket product range has a thermal conductivity of 0.044W/mK.

Fire
The mineral wool content of Space Blanket is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits
• Easy to handle and encapsulated for more comfortable installation
• Can be laid on top of existing insulation
• Greatly improves the thermal efficiency of your home
• Could pay for itself in under 2 years from energy savings*

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Savings are based on insulating an empty loft with 270mm insulation.
**Environmental**
Space Blanket represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential. The carbon emitted during manufacture of Space Blanket CarbonZero is offset and financial support is provided for carbon reduction initiatives.

**Durability**
Space Blanket is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

**Vapour resistivity**
The mineral wool content of Space Blanket has a water vapour resistivity of 5.00MN.s.g.m. The encapsulating, metallised polythene is perforated and offers negligible resistance to the passage of water vapour, it is installed silver side facing up.

**Handling and storage**
Space Blanket is easy to handle and install, being lightweight and easily cut to size, where necessary. Space Blanket should be stored either indoors, or under cover and off the ground. Space Blanket should not be left permanently exposed to the elements.

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**Product Data**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Thermal Conductivity</th>
<th>Thermal Resistance</th>
<th>Length</th>
<th>Width</th>
<th>Area per roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>(mm)</td>
<td>(W/mK)</td>
<td>(m²K/W)</td>
<td>(m)</td>
<td>(mm)</td>
<td>(m²)</td>
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<tr>
<td>Space Blanket</td>
<td>200</td>
<td>0.044</td>
<td>4.50</td>
<td>4.00</td>
<td>370</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>0.044</td>
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<td>5.33</td>
<td>370</td>
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<td>100</td>
<td>0.044</td>
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<td>8.00</td>
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<td>4.70</td>
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<td>0.044</td>
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<td>Space Blanket Kingsize</td>
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</tbody>
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