Steico Protect - external thermal insulation composite system

*Environmentally-friendly insulation system made from natural wood fibres*

- Water vapour open system
- Suitable for use with direct render systems
- Part of a full system of components
- Reduces thermal bridging through the structure
- Excellent thermal characteristics in both the summer and winter
- Tongue & groove profile contributes to building airtightness
- Improves the acoustic performance of the structure
- Good fire resistance
- Simple and economic on site handling
- Sustainable and FSC® certified
- Manufactured from forest thinnings and small diameter logs

**Areas of Application**


For new build and renovations projects.

For more information please visit our website at www.steico.co.uk
| STEICOprotect BOARD SPECIFICATIONS |

Board dimensions – 1,325 mm * 615 mm. Tongue and groove profile to all 4 sides.

<table>
<thead>
<tr>
<th>Thickness [mm]</th>
<th>Board Coverage [mm]</th>
<th>Weight [kg / m²]</th>
<th>Pieces per pallet</th>
<th>Pallet Coverage [m²]</th>
<th>Pallet weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>1300 * 590</td>
<td>10.0</td>
<td>56</td>
<td>42.95</td>
<td>ca. 480</td>
</tr>
<tr>
<td>60</td>
<td>1300 * 590</td>
<td>15.0</td>
<td>38</td>
<td>29.15</td>
<td>ca. 480</td>
</tr>
<tr>
<td>80</td>
<td>1300 * 590</td>
<td>16.8</td>
<td>28</td>
<td>22.82</td>
<td>ca. 383</td>
</tr>
</tbody>
</table>

Coverage per board is approximately 0.77m²

| STORAGE / TRANSPORT |

Store STEICO protect boards lying flat. Store in a dry area. Protect edges against damage. Remove foil packing only when the board is ready to be installed.

| STEICOprotect H TECHNICAL VALUES |

Produced and supervised in accordance with EN 13171
Edge profile: tongue & groove all 4 edges
Fire class according to EN 13501-1: E
Declared thermal conductivity $\lambda_D$ [W/(m*K)] 0.048
Declared thermal resistance $R_D$ [(m²*K)/W] 0.80 / 1.20
Board Density [kg/m³] ca. 265
Water vapour diffusion resistance factor $\mu$ 5
Sd value [m] 0.2 / 0.3
Specific heat capacity [J/(kg*K)] 2.100
Minimum compression strength at 10% deformation $\sigma_{10}$ [N/mm²] ≥ 0.15
Minimum compression strength [kPa] 180
Raw material: wood fibre, aluminium sulphate, paraffin, silicate, waterproofing agents, bond between layers

Waste code (EAK) 030105 / 170201

CE logo
FSC logo
UK Trade & Industry logo
Member of WWF Wood Group

Your STEICO Agent

www.steico.co.uk