**GUTEX Thermofibre® Data Sheet**

**GUTEX Thermofibre** is an ecological loose-fill wood fibre insulation for blow-in installation in vertical or horizontal cavities and horizontal unenclosed spaces.

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**Composition**
- Manufactured from untreated Black Forest spruce and fir
- 5% ammonium salts used as flame retardant

**Applications**
- Between stud insulation in timber frame, post and beam interior and exterior wall structures
- Between rafter insulation
- Ceiling insulation
- Partitions/drywall structures

**GUTEX Thermofibre Technical Data**

<table>
<thead>
<tr>
<th>Package size (mm)</th>
<th>800 x 400 x 330</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight per package</td>
<td>15 kg</td>
</tr>
<tr>
<td>Bales (packages) per pallet</td>
<td>21</td>
</tr>
<tr>
<td>Weight per pallet (kg)</td>
<td>330</td>
</tr>
<tr>
<td>Blown-in density (kg/m³) unenclosed</td>
<td>25-30</td>
</tr>
<tr>
<td>Vapour diffusion factor (μ)</td>
<td>1/2</td>
</tr>
<tr>
<td>Air flow resistivity (kPa·s/m³)</td>
<td>≥ 5</td>
</tr>
<tr>
<td>Specific heat capacity (J/kgK)</td>
<td>2100</td>
</tr>
<tr>
<td>Fire reaction Euro Class as per DIN EN 13501-1</td>
<td>E</td>
</tr>
<tr>
<td>European Union Nominal thermal conductivity λ_D(W/mK)</td>
<td>0.038</td>
</tr>
</tbody>
</table>

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**Advantages**
- Inherent elasticity makes it extremely form-adaptable
- Retains its blown-in form
- Resistant against settling at fill density of 29 kg/m³ and greater
- Consistent high-quality of the wood fibre
- Provides excellent thermal insulation
- Superior thermal storage capacity provides outstanding insulation against heat in the summer and cold in winter.
- Improves acoustic insulation
- Quick and easy installation
- Regulates humidity
- Water vapour diffusion permeable
- Wood is a sustainable, recyclable natural resource
- Biologically harmless!

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