Cement Bonded Particle Board

Quality, Performance & Reliability

Resistant to:
- Moisture
- Fire
- Sound
- Rot
- Impact

Manufactured to BS EN 634 Parts 1 & 2

Call Euroform on 01925 860999
Euroform have invested years of experience, expertise and commitment to excellence in offering a cement bonded particle board that is specified for its quality, performance and reliability.

Versapanel is a class ‘0’ cement bonded particle board comprising of wood particles and cement.

- It is suitable for a wide range of applications, giving a high level of performance in the presence of moisture and fire.
- Versapanel has a host of testing, is CE marked and manufactured to BS EN 634 parts 1 & 2.
- Versapanel is available in bespoke sizes and can be fabricated to any size required, with no minimum order quantity.

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What is BS EN 634 parts 1 & 2?
BS EN 634 parts 1 and 2 are the British Standards governing particle boards’ and wood-based panels’ tensile strength, mechanical properties, density, load factors and resistance to humidity, frost and hard body impact.

Legal Requirement
These standards aren’t simply a ‘nice to have’. According to the BRE Digest on cement bonded particle boards, “it is now a legal requirement in the UK under the Construction Products Regulations of 1991 and the Construction Products (Amendment) Regulations of 1994 that wood-based panels be manufactured to and specified and used against a European Technical Specification, principally EN 13986, or a European Technical Approval (ETA). EN 13986 in turn will call up EN 634 for cement bonded particleboard, the UK version of which is BS EN 634”.

Full information in BRE Digest (Part 3), available from www.bre.co.uk
**Product Range**

<table>
<thead>
<tr>
<th>Product Range</th>
<th>2400 x 1200</th>
<th>2440 x 1220</th>
<th>2800 x 1200</th>
<th>3200 x 1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsanded</td>
<td>Y</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Calibrated</td>
<td>Y</td>
<td>Y</td>
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</table>

**VERSAPANEL® CHARACTERISTICS FOR UNSANDED AND CALIBRATED BOARDS**

<table>
<thead>
<tr>
<th>Thickness of board in mm</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>18</th>
<th>22</th>
<th>24</th>
<th>28</th>
<th>36</th>
<th>40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx weight per m² in kg</td>
<td>10.4</td>
<td>13</td>
<td>15.6</td>
<td>20.8</td>
<td>23.4</td>
<td>28.6</td>
<td>31.2</td>
<td>36.4</td>
<td>46.8</td>
<td>52</td>
</tr>
<tr>
<td>Airborne sound reduction for a single board in dB</td>
<td>30</td>
<td>31</td>
<td>31</td>
<td>33</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
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</tbody>
</table>

For additional construction advice on systems please contact technical sales

<table>
<thead>
<tr>
<th>Manual nailing without pre-drilled holes</th>
<th>Y</th>
<th>Y</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual screwing with pre-drilled holes suits all thicknesses</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Screwing and power nailing without pre-drilled holes</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power screwing and nailing suits all thicknesses</td>
<td>N</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Nailing and screwing into edges</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
<th>Y</th>
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</thead>
<tbody>
<tr>
<td>Edge profiling</td>
<td>Rebate</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Groove</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>T&amp;G</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<table>
<thead>
<tr>
<th>General internal lining and external cladding</th>
<th>400mm</th>
<th>Y</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
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</thead>
<tbody>
<tr>
<td>600mm</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<table>
<thead>
<tr>
<th>Ceilings and softs</th>
<th>400mm</th>
<th>Y</th>
<th>Y</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
<th>N</th>
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</thead>
<tbody>
<tr>
<td>600mm</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

Full technical manual available on request

Manufactured to BS EN 634 Parts 1 & 2

Call Euroform on 01925 860999
Due to increasing demands for FSC® certified building products in the construction industry, Euroform are pleased to offer Versapanel Eco™ for supply where FSC® chain of custody is vital.

**FAQ’s**

**Is Versapanel still the same?**
Yes, it’s exactly the same.

**Why is it called Versapanel Eco™?**
This is to make it easier for the customer to order the FSC® compliant product.

**Why not have all Versapanel as FSC® supply?**
Due to high demand there will be limited availability and not all orders require FSC®.

FSC® independently issued Chain of Custody certification ensures the forest of origin is sustainable, the local ecosystem and biodiversity maintained and forest worker’s human rights safeguarded. And all of this is kept in check by rigorous, short-notice inspections and meticulous audit trails.
Applications
Wide variety of applications, such as:
- Carrier panel to rainscreen cladding system
- Carrier panel to insulated render system
- Partitions
- Acoustic flooring
- Infill panelling

Features & Benefits
- No minimum quantities
- Bespoke sizes available
- In-house fabrication service
- Range of edge details
- Class ‘0’ fire resistant
- Manufactured to BS EN 634 parts 1 & 2
- CE marked
- Concentrated/UDL load testing to EN 1195 for use in floors
- Tested in accordance with BS EN 594:2011 (Racking Test)
- FSC® Grade available upon request

Resistant to:
- Moisture
- Impact
- Sound
- Fire
- Rot

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