PRODUCT CHARACTERISTICS:

• Solid Wood Linear Ceilings
• Budget flexibility with over 15 wood species
• Range of sizes and modulations
• High quality finishings
• Curved, undulating and special shapes possible
• Quick and invisible mounting

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SYSTEM OVERVIEW

1 = Solid Wood Linear panel
2 = Pre-applied acoustic non woven tissue
3 = Carrier
4 = Clip (pre-fixed)
5 = Panel fixation pin
6 = Quick hanger*

*These items are not included.

TYPICAL SECTIONS

MAXIMUM SPAN

<table>
<thead>
<tr>
<th>Linear panel</th>
<th>Module (A)</th>
<th>Joint (B)</th>
<th>Thickness (C)</th>
<th>Panel width (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 111 mm</td>
<td>111 mm</td>
<td>19 mm</td>
<td>15 mm</td>
<td>92 mm</td>
</tr>
<tr>
<td>Module 135 mm</td>
<td>135 mm</td>
<td>19 mm</td>
<td>15 mm</td>
<td>116 mm</td>
</tr>
</tbody>
</table>

MATERIAL PROPERTIES

• Material: Variety of 15+ wood species, FSC or PEFC certified
• Sizes: Minimum length: 900 mm, panel thickness: 15 mm. Other sizes upon request
• Three ceiling solutions: Linear Open, Multi-panel & Linear Closed, fixed or 50% demountable
• Panel widths: 63 - 184 mm
• Joint width: Various possibilities
• Weight: 5.0 - 15.0 kg/m²
• Integral guarantee: for support systems, wood and finish
• Fire retardant: Up to class B-s2,d0, B-s1,d0 upon request
• Acoustic: Up to $\alpha_W$ 0.30 - 0.50

ACOUSTICS - $\alpha_W$

The table shows the test results for Solid Wood Linear panels
• 92 mm width, 15 mm thickness, 19 mm joint
• Wood specie: Pine
• Soundtex: 0.2 mm
• Test method:
  ISO 11654:1997, ASTM-C423-90a

<table>
<thead>
<tr>
<th>FREQUENCY (HZ)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>1/1 octave</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Wood Linear (without Rockwool) $\alpha_W$ : 0.30 - NRC: 0.50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency Hz.</td>
<td>0.29</td>
<td>0.71</td>
<td>0.59</td>
<td>0.35</td>
<td>0.25</td>
<td>0.22</td>
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</tr>
<tr>
<td>Solid Wood Linear (with Rockwool) $\alpha_W$ : 0.50 - NRC: 0.70</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>Frequency Hz.</td>
<td>0.57</td>
<td>0.83</td>
<td>0.76</td>
<td>0.65</td>
<td>0.47</td>
<td>0.33</td>
<td></td>
</tr>
</tbody>
</table>

AVAILABLE WOOD SPECIES

• American Ash
• Ayous
• European Pine
• European Oak
• American Red Oak
• American White Oak
• Yellow Pine
• Western Red Cedar
• American Yellow Poplar

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