**DESCRIPTION**

The LOWNOTE W® acoustic panel is a broadband low-frequency sound absorber designed to balance the modal distribution on small rooms like studios, music listening rooms, and home-cinemas. The principle used to develop the LOWNOTE W® is the Helmholtz Resonator reasoning, through the combination of an engineered Coloured Wood Fibre Board box with an ABS velvet finishing front membrane, which creates the tuned resonance chamber. The damping/absorbing chamber combined with the front concave shaped ABS membrane is able to offer a large range of bass control over several octaves, while although not contributing to add mid/high frequency absorption. This model can be combined with LOWNOTE Corner® in order to extend the absorption and to fine tuning the low end of the sound spectrum. These combinations lengthen the lower frequencies absorption to a homogenous absorption range. LOWNOTE W® panel can be easily hung on any wall or ceiling surface using the provided accessories. Panels can also be installed in a reinforced T-bar grid ceiling.

**FEATURES**

- Tuned at 160Hz
- Average absorption: \(0.81\) m\(^2\) \([>50Hz;<250Hz]\)
- Box made of engineered coloured wood fibre board
- Front membrane made of ABS velvet finish
- Fire-resistance: Bs1
- Application on ceiling and wall
- Package: 4 units
- Installation: accessories included.

**ABSORPTION COEFFICIENT**

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>50</th>
<th>63</th>
<th>80</th>
<th>100</th>
<th>125</th>
<th>160</th>
<th>200</th>
<th>250</th>
<th>315</th>
<th>400</th>
<th>500</th>
<th>630</th>
<th>800</th>
<th>1kHz</th>
<th>1.25kHz</th>
<th>1.6kHz</th>
<th>2kHz</th>
<th>2.5kHz</th>
<th>3.15kHz</th>
<th>4kHz</th>
<th>5kHz</th>
<th>6.3kHz</th>
<th>8kHz</th>
<th>10kHz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a_s)</td>
<td>0.51</td>
<td>0.60</td>
<td>0.76</td>
<td>0.88</td>
<td>0.95</td>
<td>0.98</td>
<td>0.88</td>
<td>0.88</td>
<td>0.91</td>
<td>0.73</td>
<td>0.70</td>
<td>0.61</td>
<td>0.60</td>
<td>0.59</td>
<td>0.64</td>
<td>0.65</td>
<td>0.64</td>
<td>0.59</td>
<td>0.56</td>
<td>0.58</td>
<td>0.60</td>
<td>0.57</td>
<td>0.55</td>
<td>0.61</td>
<td></td>
</tr>
</tbody>
</table>

**MODELS AND SIZES**

<table>
<thead>
<tr>
<th>MODELS</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNW060c</td>
<td>60 cm</td>
<td>60 cm</td>
<td>8 cm</td>
<td>5.2 Kg</td>
</tr>
</tbody>
</table>

**IMPORTANT NOTICES**

- **JOCAVI** accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- **RAL** is an international independent colour standard system partner for industry, trade, architecture and design. Should be consulted before placing any order.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers’ changes and some differences may occur in tonal range.
- Wood and fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Interior Comfort Standards state a temperature range of 2°-27° C (68°-81° F) and a relative humidity of less than 60%. These would be considered as normal operational levels of **JOCAVI** products’ range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.