DIFFUSION PANEL
WOODFOIL / WOODFOIL

Ab

• Installation: accessories included.
• Two options: Woodfoil (diffusor) Woodfoil
• Woodfoil
Average diffusion:
• Manufactured with Birch Plywood.

FEATURES

• Manufactured with self-sustainable forest wood.
• Average diffusion: 0.59/m² (>100Hz; <5KHz).
• Fire-resistance: Euroclass D-S1,d0 (similar to old M3).
• Finished with ecological varnishes.
• 100% recyclable.
• Installation: accessories included.

DESCRIPTION

This wooden diffusion panel is the result of a long design and analysis process and one of JOCAVI’s options in terms of diffusion panels. The use of this extremely efficient panel is imperative to control primary reflections and other reflections from front walls, thus improving correct sound diffusion in the room.

The WOODDIFFUSOR® is a 2D diffusion panel that focuses on controlling horizontal dispersion and is efficient in a wide range of frequencies. It is based on the rotation sequence of primary incidence angles, thereby making sound diffusion uniform in several directions with similar energy.

This panel is made of solid pinewood with a finish of five different colours of varnish. The wood stands out inside the rooms and makes this product look very attractive, both acoustically and aesthetically.

TECHNICAL DRAWINGS

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>WOD180</td>
<td>180 cm</td>
<td>60 cm</td>
<td>13 cm</td>
<td>57 Kg</td>
</tr>
<tr>
<td>WOD120</td>
<td>120 cm</td>
<td>60 cm</td>
<td>13 cm</td>
<td>38 Kg</td>
</tr>
<tr>
<td>WOD060</td>
<td>60 cm</td>
<td>60 cm</td>
<td>13 cm</td>
<td>19 Kg</td>
</tr>
</tbody>
</table>

DIFFUSION - ABSORPTION COEFFICIENT

DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

NATURAL WOOD COLOURS

IMPORTANT NOTICES

• JOCAVI accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
• 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 tones differences may occur in tonal range.
• Values [<100Hz and > 5K] are Non Standard Values.
• Due to the natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
• 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.
• 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.
•防火产品将始终展示天然缺陷，属于有机性质。同样地，它们也会在使用过程中保留老化的痕迹。
•由于天然原材的变化，木制产品会表现出不同的颜色，且面积和密度也会有差异。
•产品可能因原材料供应商的变化而变化。同样地，它们也会在使用过程中保留老化的痕迹。
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