TECHNICAL SPECIFICATIONS
ACOUSTIC PANELS

REFERENCE
PAP045

DESCRIPTION
Acoustic panel with alternated holes

ACOUSTIC FEATURES
Pitch (mm)
32x32
Alternate
Hole diameter (mm)
Ø 5
Hole depth (mm)
Through
Perforated area (%) 1.9

Sound absorption
Plenum 40mm $\alpha_w$
0.10
NRC 0.15
Plenum 200mm $\alpha_w$
0.10
NRC 0.15
Absorption class not classified
Mineral wool behind 40mm 30kg/m³

GENERAL FEATURES
Materials
MDF standard D-s2.d0
MDF fireproof B-s2.d0 (with red or natural core)
MDF coloured throughout D-s2.d0
MDF coloured throughout B-s2.d0

Thickness (mm)
16mm and 12mm (MDF).
For other materials and thickness, contact DECUSTIK

Approximate weight (kg/m²)
7.5 (MDF standard 12mm)
9.5 (MDF Fireproof 12mm)
10.0 (MDF standard 16mm)
12.5 (MDF Fireproof 16mm)

Panel sizes (mm)
MDF 12mm: 1200x600 / 600x600
MDF 16mm: 2400x600 / 1200x600
For other dimensions, contact with DECUSTIK

Finishing
With no finish
Natural wood veneer
Lacquered RAL
High pressure laminate (HPL)
Melamine
For other finishing, contact with DECUSTIK

APPLICATION
Wall coverings (MDF 16mm)
Straight visible
Loose tongue

Ceilings (MDF 12mm)
Straight visible
Semi concealed
Concealed movable

Absorption according UNE-EN ISO 354

<table>
<thead>
<tr>
<th>Frequency [Hz]</th>
<th>Plenum 40mm</th>
<th>Plenum 200mm</th>
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<tbody>
<tr>
<td>125</td>
<td>0.71</td>
<td>0.68</td>
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<tr>
<td>250</td>
<td>0.33</td>
<td>0.24</td>
</tr>
<tr>
<td>500</td>
<td>0.16</td>
<td>0.21</td>
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<tr>
<td>1000</td>
<td>0.11</td>
<td>0.15</td>
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<tr>
<td>2000</td>
<td>0.05</td>
<td>0.07</td>
</tr>
<tr>
<td>4000</td>
<td>0.02</td>
<td>0.03</td>
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