**TECHNICAL SPECIFICATIONS**

**ACOUSTIC PANELS**

REFERENCE: PAP018

**DESCRIPTION**
Acoustic panel with aligned holes

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**ACOUSTIC FEATURES**

<table>
<thead>
<tr>
<th>Pitch (mm)</th>
<th>16x16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter (mm)</td>
<td>Ø 8</td>
</tr>
<tr>
<td>Hole depth (mm)</td>
<td>Through</td>
</tr>
<tr>
<td>Perforated area (%)</td>
<td>19.6</td>
</tr>
</tbody>
</table>

**Sound absorption**

<table>
<thead>
<tr>
<th>Plenum 40mm</th>
<th>$\alpha_w$</th>
<th>0.65</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC</td>
<td>0.75</td>
<td></td>
</tr>
<tr>
<td>Plenum 200mm</td>
<td>$\alpha_w$</td>
<td>0.70</td>
</tr>
<tr>
<td>NRC</td>
<td>0.85</td>
<td></td>
</tr>
</tbody>
</table>

**Absorption class**
C

**Mineral wool behind**
40mm
30kg/m³

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**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)
- 10.0 (MDF standard 16mm)
- 9.5 (MDF Fireproof 12mm)
- 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

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**APPLICATION**

- **Wall coverings (MDF 16mm)**
  - Straight visible
  - Loose tongue

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