PRODUCT CHARACTERISTICS:

• Modular felt baffle system
• Baffle dimensions, height 100 - 500 mm, width 40 - 80 mm, length up to 2000 mm
• Multiple baffle and end caps options
• Five shades of Grey
• Suspended via a carrier rail
• Flexible acoustics

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SYSTEM OVERVIEW

1 = Baffle
2 = End cap
3 = Baffle (closed)*
4 = Baffle (Open)
5 = Mounting profile
6 = Mounting clip
7 = Carrier
8 = Stabilisation bracket
9 = Stabilisation profile
10 = Quick hanger
11 = Wire hanger
* Length restrictions

DETAILS

M = module (recommended w+h)
y = baffle distance (recommended h)

x = h+70
h = baffle height (100 - 500 mm)
w = baffle width (40 - 80 mm)

MAXIMUM SPAN

ACOUSTICS

Baffle option 1 - Sound absorption baffle ceiling (\(\alpha_{\omega}\))

<table>
<thead>
<tr>
<th>Baffle type</th>
<th>Module</th>
<th>Mounting</th>
<th>(\alpha_{\omega}) (H)</th>
<th>SAA/NRC</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>50HB250</td>
<td>M250</td>
<td>Type A</td>
<td>0.50</td>
<td>0.60</td>
<td>D</td>
</tr>
<tr>
<td>50HB250</td>
<td>M500</td>
<td>Type A</td>
<td>0.45</td>
<td>0.49</td>
<td>D</td>
</tr>
</tbody>
</table>

Baffle option 2

Equivalent sound absorption per element (m² O.W.)

The table below shows the test results for Baffle panels:
- Length 1800 mm.
- Mounting type A

<table>
<thead>
<tr>
<th>Baffle type</th>
<th>Module</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>40HB200</td>
<td>random</td>
<td>0.11</td>
<td>0.35</td>
<td>0.59</td>
<td>0.60</td>
<td>0.76</td>
<td>0.81</td>
</tr>
<tr>
<td>50HB250</td>
<td>random</td>
<td>0.16</td>
<td>0.50</td>
<td>0.67</td>
<td>0.76</td>
<td>0.92</td>
<td>0.97</td>
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<tr>
<td>80HB400</td>
<td>random</td>
<td>0.41</td>
<td>0.79</td>
<td>0.90</td>
<td>1.19</td>
<td>1.31</td>
<td>1.43</td>
</tr>
<tr>
<td>50HB250</td>
<td>250</td>
<td>0.09</td>
<td>0.25</td>
<td>0.27</td>
<td>0.36</td>
<td>0.49</td>
<td>0.52</td>
</tr>
<tr>
<td>50HB250</td>
<td>500</td>
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<td>0.38</td>
<td>0.44</td>
<td>0.54</td>
<td>0.73</td>
<td>0.76</td>
</tr>
</tbody>
</table>

Note: 50HB250 baffle, width = 50 mm and height = 250 mm

MATERIAL PROPERTIES

- Material: non-woven, thermo formable PES-fibers
- Fire retardent: class B-s1,d0 EN 13501-1
- Weight: 5.0 kg/m² (80HB100 - M190)
  2.4 kg/m² (40HB500 - M540)
- Light reflection: depending on colour
- Exposure class: A and B EN 13964

CERTIFICATIONS

- Indoor Air Comfort Gold
- French VOC-regulation class A+
- Cradle to Cradle™ Level Bronze
- Oeko-tex Standard 100 klasse IV
- SundaHus Miljödata klasse A
- GreenGuard Gold

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