FiberAcoustic® 450 in the lobby of Scandic Continental hotel
Stockholm, Sweden

FiberAcoustic® 450 in different colours has been used behind perforated metal plates as an acoustic fabric in the lobby of Scandic Continental hotel.

Using FiberAcoustic® 450 offers the following benefits:

- Excellent acoustic properties
- Noise reduction – unique sound absorption properties significantly improves the environment
- State-of-the-art quality, performance and visual appearance
- Fire resistance – classified B-s1, d0

The product is extremely hard-wearing and shock-resistant and will withstand most impacts without being damaged and losing performance.

FiberAcoustic® nonwovens are textile-like and produced using fibres that provide significant benefits compared to competing technologies.

**FiberAcoustic® 450**

<table>
<thead>
<tr>
<th>Product data</th>
<th>Standard</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. weight</td>
<td>EN 29073-2</td>
<td>g/m²</td>
<td>450</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>EN 29073-3</td>
<td>N</td>
<td>425/800</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>EN 29073-3</td>
<td>%</td>
<td>80/55</td>
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<tr>
<td>Thickness</td>
<td>EN 29073-1</td>
<td>mm</td>
<td>2.5</td>
</tr>
<tr>
<td>Acoustic impedance</td>
<td></td>
<td>Ns/m³</td>
<td>600</td>
</tr>
</tbody>
</table>

MD: Machine direction  CD: Cross direction

**Product data**

- Fibre blend: 100% FR polyester
- Length: Standard 40 metres
- Width: 1150 mm
- Colour: White, black, coloured
- Flame retardancy: EN ISO 13501-1: B-s1, d0