

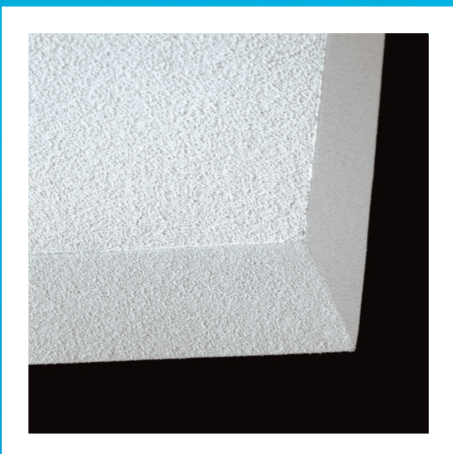


Vertical Baffle Systems

## **MINERAL Baffle Element Arc**

(OPTIMA Baffle Curves)

Individual / Grouped






- With MINERAL Baffle Element Arc you can create exciting interiors without compromising acoustic performance, even with modern exposed soffit ceilings
- Modern curved appearance
- Reduce noise levels, increase speech intelligibility and reduce reverberation time in the space
- Install individually or in groups
- Typically used in schools, offices, leisure centres, transport hubs, etc.

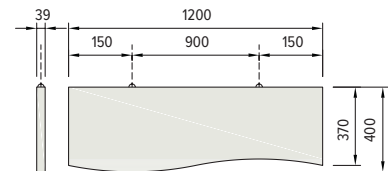
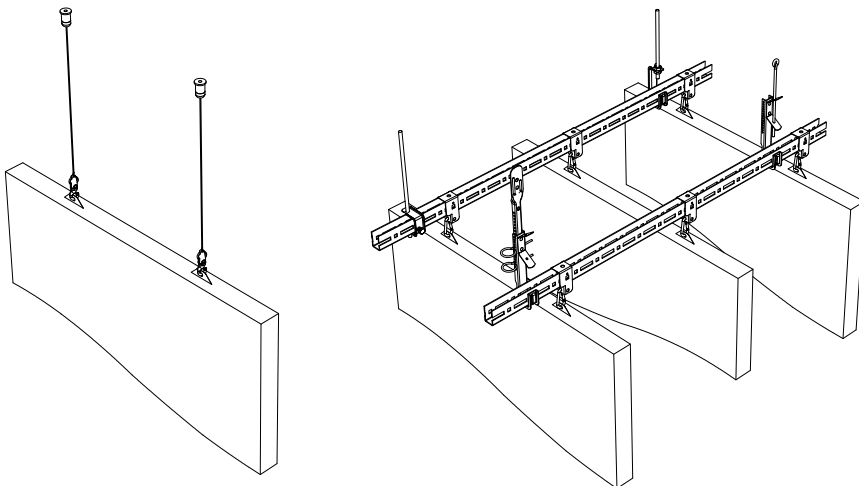


# MINERAL Baffle Element Arc

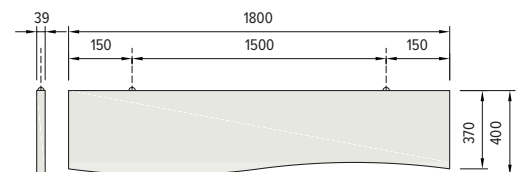
Individual / Grouped

<b>Thickness (mm)</b>		39														
<b>Dimensions (mm)</b> Additional sizes on request		1200 x 400 1800 x 400														
<b>System</b>		Hanging Wire Kit U-Profile grouping option T-Grid Main Runner grouping option														
<b>Weight</b>		1200 x 400: 5.0 kg/pc 1800 x 400: 7.5 kg/pc														
<b>Colour &amp; design</b>		<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 60px; height: 60px; background-color: white; margin-right: 10px;"></div> <div style="font-size: 0.8em; font-weight: bold; color: #0056b3;">Vario Design Colours</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> White</div> <div style="text-align: center;"> Granite</div> <div style="text-align: center;"> Steel</div> <div style="text-align: center;"> Green Marble</div> <div style="text-align: center;"> Copper</div> <div style="text-align: center;"> Oak</div> <div style="text-align: center;"> Brass</div> <div style="text-align: center;"> Sandstone</div> <div style="text-align: center;"> Concrete</div> </div>														
<b>Sound absorption</b>		<p>EN ISO 354</p> <p><math>\alpha_w = 0.50(\text{MH})</math> as per EN ISO 11654 - <b>Class D</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>Frequency <math>f</math> (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td><math>\alpha_p</math> Row distances 300mm</td> <td>0.15</td> <td>0.25</td> <td>0.45</td> <td>0.90</td> <td>0.90</td> <td>0.95</td> </tr> </tbody> </table> <p>NRC = <b>0.65</b> as per ASTM C 423</p>	Frequency $f$ (Hz)	125	250	500	1000	2000	4000	$\alpha_p$ Row distances 300mm	0.15	0.25	0.45	0.90	0.90	0.95
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$\alpha_p$ Row distances 300mm	0.15	0.25	0.45	0.90	0.90	0.95										
<b>Fire reaction</b>		Euroclass <b>A2-s1,d0</b> as per EN 13501-1														
<b>Humidity resistance</b>		<b>90%</b>														
<b>Indoor air quality</b>		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> A+</div> <div style="text-align: center;"> E1</div> <div style="text-align: center;"> IACG</div> </div>														
<b>Cleanability</b>																
<b>Sustainability</b>																

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Module 1200 x 400 mm



Module 1800 x 400 mm