



Vertical Baffle Systems

MINERAL Baffle Element

(OPTIMA Baffle)

Individual / Grouped



























- MINERAL Baffle Element is a range of high performance acoustical baffles with a white laminate surface for a modern linear appearance.
- Good sound absorption: reduce noise levels, increase intelligibility and reduce reverberation time in a space
- Typically used to provide high levels of acoustic absorption in offices, leisure centres, transport hubs, etc



MINERAL Baffle Element

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Thickness (mm)		39																						
Dimensions (mm) Additional dimensions available on request		1200 x 300 1200 x 400	1800 x 300 1800 x 400																					
System		Hanging Wire Kit U Profile grouping option T Grid grouping option																						
Weight		1200 x 300: 3.8 kg / pc 1200 x 400: 5.0 kg / pc	1800 x 300: 5.6 kg / pc 1800 x 400: 7.5 kg / pc																					
Colour & design		        																						
Sound absorption		<p>EN ISO 354</p> <p>$\alpha_w = 0.50(MH)$ (300mm) as per EN ISO 11654 - Class D</p> <table border="1"> <thead> <tr> <th>Frequency f (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>Baffles 1200 x 300mm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>α_p 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 = 0.65 (300mm) as per ASTM C 423</p>		Frequency f (Hz)	125	250	500	1000	2000	4000	Baffles 1200 x 300mm							α_p Row distances 300mm	0.15	0.25	0.45	0.90	0.90	0.95
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Fire reaction		Euroclass A2-s1,d0 as per EN 13501-1																						
Humidity resistance		90%																						
Indoor air quality		 <p>A+</p>	 <p>E1</p>  <p>IACG</p>																					
Cleanability																								
Sustainability		 <p>BIOSOLUBLE WOOL</p> <p>EC 1272/2008 Annex G</p>																						

