

EcoSound

Specification Text

This acoustic range comes from an ecologically certified production including low emissions and the use of recycled wood materials. The product comes through a Chain of custody - FSC standard production plant.



Type	Burke Acoustics EcoSound Multilayer Plywood Panel
Flat Surface width	12,0mm, 20mm or irregular
Top Layer	Fir or Silver fir solid wood, finger joint slats in various colors and grains, vivid appearance, Veneered plywood (veneer species:.....)
Groove width	4mm, 6mm, penetrated into the woodfiber absorber to reach a very high sound absorption value.
Middle layer	Natural cross timer slats with wood fiber absorber for a high absorption volume.
Rear side	Timber slats (fir or spruce)
Edges	<i>Long side:</i> Industrial saw cut, tongue and groove profile <i>Head ends:</i> Industrial saw cut <i>Ceiling tile:</i> for T15 and T24 Grids

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Thickness	~ 31mm																												
Dimensions	Standard: 2940mm x 192mm or 2940mm x 624/625mm																												
Surface treatment	Raw, Sanded, Lacquer on request																												
Middle Layer	Absorber made from Wood Fiber																												
Veneer Direction	Along length																												
Joints	Tongue & Groove edge: Closed 0mm Head ends: 1-2mm																												
Installation	Screwed through face groove into cross timber slats with mini head screws (>192mm width) or with Burke Acoustic Installation clips (< 192mm width)																												
Fire behaviour	D-s3,d2 (normal flammability) Fire retardant lacquer																												
Acoustics absorption	<table><tr><td><i>Built up</i></td><td><i>61mm</i></td><td><i>61mm</i></td><td><i>231mm</i></td></tr><tr><td>Cavity</td><td>30mm</td><td>0mm</td><td>150mm</td></tr><tr><td>Wool</td><td>0mm</td><td>30mm</td><td>50mm</td></tr><tr><td>Panel thickness</td><td>31mm</td><td>31mm</td><td>31mm</td></tr><tr><td>Alpha w</td><td>0,60</td><td>0,90</td><td>0,85</td></tr><tr><td>NRC</td><td>0,80</td><td>0,95</td><td>0,90</td></tr><tr><td>SAA</td><td>0,78</td><td>0,93</td><td>0,90</td></tr></table>	<i>Built up</i>	<i>61mm</i>	<i>61mm</i>	<i>231mm</i>	Cavity	30mm	0mm	150mm	Wool	0mm	30mm	50mm	Panel thickness	31mm	31mm	31mm	Alpha w	0,60	0,90	0,85	NRC	0,80	0,95	0,90	SAA	0,78	0,93	0,90
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