

EcoSound 12-4

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	12mm
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, 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
Thickness	38-39mm
Dimensions	Standard: 2940mm x 192mm or 2940mm x 624/625mm
Surface treatment	Raw, Sanded, Lacquer on request

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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	Built up	68mm	169mm	369mm
	Cavity	30mm	131mm	331mm
	Wool	30mm	50mm	50mm
	Panel thickness	38mm	38mm	38mm
	Alpha w	0,70	0,70	0,80
	NRC	0,75	0,80	0,90
	SAA	0,82	0,85	0,93
	Absorber class	C	C	B



DoP Available