

SLAT ACOUSTIC PANEL



Wood Slat Acoustic Panel offers the most versatile acoustic performance compared to other models. The front side of the panel offers a slat pattern whilst the back side of the panel offers a perforated pattern.

The combination of slat and perforated pattern created an air path for sound to travel through and absorbed efficiently. The dimension of the slat width and perforation diameter will determine the amount of sound absorption and which frequency is affected.

The panel performs best for absorbing middle to high frequencies. Meanwhile, the wood grain and diverse finishing options will provide a warmth and relaxing interior atmosphere.



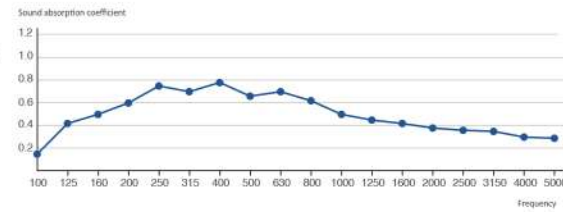
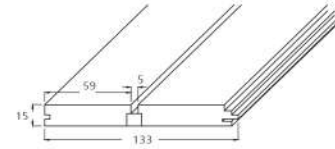
Name	Slat Acoustic Panel
Composition	Base Material - Finishing - Acoustic Backing
Base Material	Standard / Eco-friendly / Fire-resistant / Moisture-proof / A Grade Non-inflammable / Non-formaldehyde Solid Wood or other customized base material
Finishing	Veneer / Melamine / HPL Fire-proof / PU Painting
Acoustic Backing	Black Fire-resistant Sound Absorbing Fleece / Soundtex Sound Absorbing Fleece
Model	GA59-5/40-3/28-4/18-3/14-2/13-3/9-2/5-3, other customized model
Standard Dimension	W 133mm/197mm L 2440mm T 12/15/18mm
Fire Resistant	Class A - ASTM-E84, Class 1 - BS476 part 7 standard

WOOD SLAT STANDARD MODELS

GA59-5



Open area: 5.5%

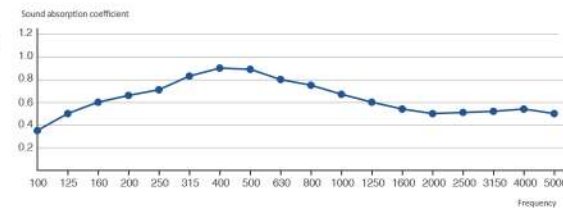
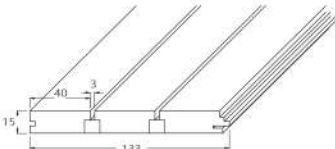


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.15	0.42	0.50	0.60	0.75	0.70	0.78	0.66	0.70	0.62	0.50	0.45	0.42	0.38	0.36	0.35	0.30	0.29

GA40-3



Open area: 5.0%

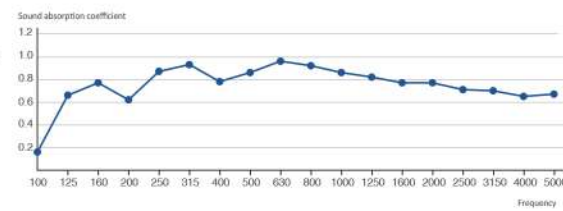
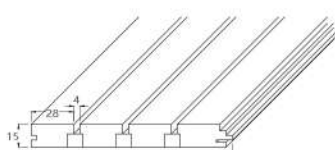


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.35	0.50	0.60	0.66	0.71	0.83	0.90	0.89	0.80	0.75	0.67	0.60	0.54	0.50	0.51	0.52	0.54	0.50

GA28-4

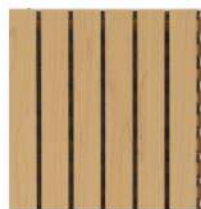


Open area: 8.0%

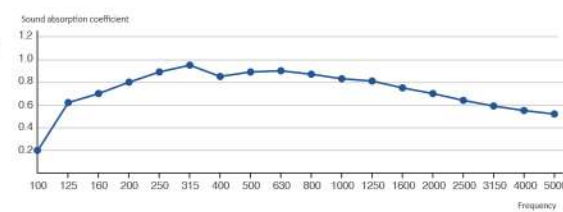
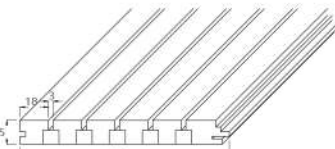


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.16	0.66	0.77	0.62	0.87	0.93	0.78	0.86	0.96	0.92	0.86	0.82	0.77	0.77	0.71	0.70	0.65	0.67

GA18-3



Open area: 9.0%

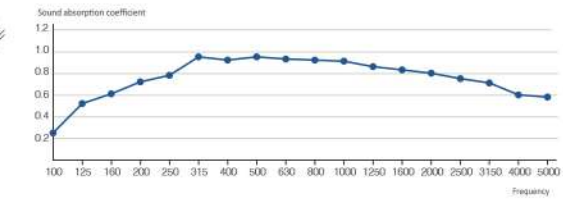
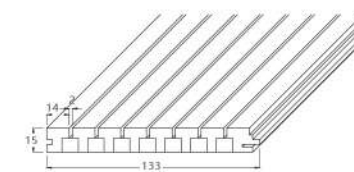


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.20	0.62	0.70	0.80	0.89	0.95	0.85	0.89	0.90	0.87	0.83	0.81	0.75	0.70	0.64	0.59	0.55	0.52

GA14-2

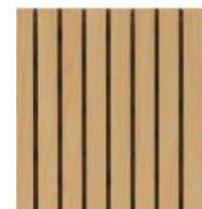


Open area: 8.0%

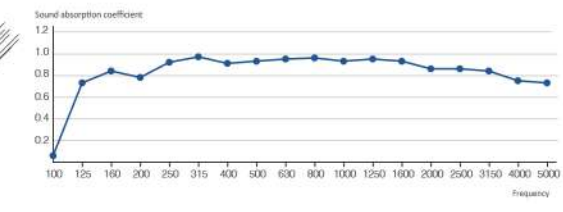
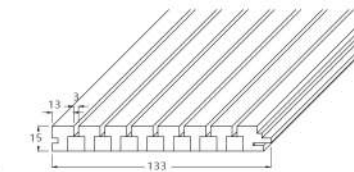


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.25	0.52	0.61	0.72	0.78	0.95	0.93	0.95	0.93	0.92	0.91	0.86	0.83	0.80	0.75	0.71	0.60	0.58

GA13-3

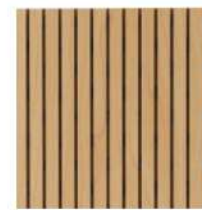


Open area: 12.0%

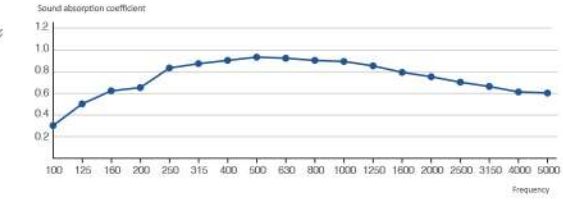
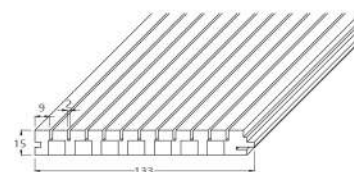


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.06	0.73	0.84	0.78	0.92	0.97	0.91	0.93	0.95	0.96	0.93	0.95	0.93	0.86	0.86	0.84	0.75	0.73

GA9-2

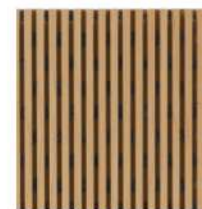


Open area: 12.0%

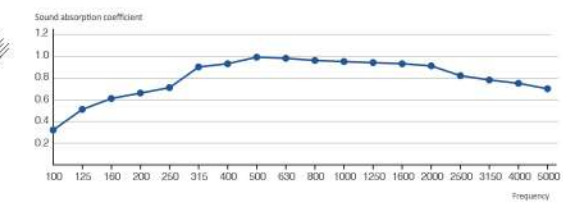
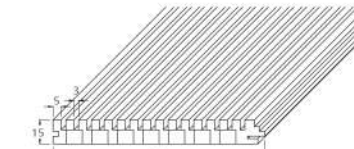


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.50	0.62	0.65	0.83	0.87	0.90	0.93	0.92	0.90	0.89	0.85	0.79	0.75	0.70	0.66	0.61	0.60

GA5-3



Open area: 19.0%



Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.32	0.51	0.61	0.66	0.71	0.90	0.93	0.99	0.98	0.96	0.95	0.94	0.93	0.91	0.82	0.78	0.75	0.70

Other custom dimension is available upon request
Panel with a specific acoustic performance is available upon request