

MODULINE™ MODULAR ACOUSTICAL PANELS

IAC Part Number / Style	Exterior Surface	Interior Surface	Nominal Thickness (Inches)	Nominal Weight (lb/sq.ft.)	SOUND TRANSMISSION LOSS – dB						
					Octave Band Center Frequency – Hz						
					125	250	500	1000	2000	4000	STC
PWL-235	Solid	Perf	2.0	3.9	20	22	32	42	50	57	35
PWL-237	Solid	Perf	2.0	5.0	20	24	33	45	50	57	37
PWL-441	Solid	Perf	4.0	4.5	22	26	40	50	50	57	41
PWL-444	Solid	Perf	4.0	5.5	26	30	42	51	55	59	44
PWL-452	Solid	Solid	4.0	6.0	28	43	55	63	63	69	52
PWL-455	Solid	Solid	4.0	10.9	40	49	52	55	57	63	55
PWL-656	Solid	Perf	6.0	12.7	39	46	52	57	61	63	56
PWL-857	Solid	Perf	8.0	12.9	38	48	56	59	62	67	57
PWL-858	Solid	Perf	8.0	11.6	40	48	56	60	62	67	58
Double Glazed Window	Temp	Temp	4.0	N/A	32	35	43	48	46	52	45
Double Glazed Window - F	Temp	Temp	4.0	N/A	32	35	43	50	48	53	47

Sound Transmission Loss Data per ASTM E90-09 and E413-10 Lab Tests

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IAC Part Number / Style	Exterior Surface	Interior Surface	Nominal Thickness (Inches)	Wrapped Fill Y/N	SOUND ABSORPTION COEFFICIENTS						
					Octave Band Center Frequency – Hz						
					125	250	500	1000	2000	4000	NRC
2" Thick Panel	Solid	Perf	2.0	N	0.21	0.61	1.01	1.07	1.07	0.98	0.95
2" Thick Panel	Solid	Perf	2.0	Y	0.43	0.64	0.81	0.87	0.69	0.53	0.75
4" Thick Panel	Solid	Perf	2.0	N	0.75	1.05	1.10	1.07	1.03	0.94	1.00
4" Thick Panel	Solid	Perf	2.0	Y	0.83	0.61	1.02	1.02	1.10	0.94	0.90
6" Thick Panel	Solid	Perf	4.0	N	0.75	1.05	1.10	1.07	1.03	0.94	1.00
6" Thick Panel	Solid	Perf	4.0	Y	0.83	0.61	1.02	1.02	1.10	0.94	0.90
8" Thick Panel	Solid	Perf	4.0	N	0.75	1.05	1.10	1.07	1.03	0.94	1.00
8" Thick Panel	Solid	Perf	4.0	Y	0.83	0.61	1.02	1.02	1.10	0.94	0.90
Hard Panels	Solid	Solid	–	N/A	–	–	–	–	–	–	–

Sound Absorption Data per ASTM C423-09a and E795-05 Lab Tests

Additional information on chemical resistance, flammability, etc., available upon request.