

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
Noiseshield Regular	Solid	Perf	4.0	8.0	21	27	38	48	58	67	40
Noiseshield Hard	Solid	Solid	4.0	9.5	33	45	52	58	68	75	56
Noiseshield Septum	Perf ¹	Perf	4.0	9.0	19	23	35	50	60	68	37
Super Noise-Lock	Solid	Perf	4.0	15.0	34	35	44	54	63	62	48
Noise-Lock I	Solid	Perf	4.0	9.5	27	31	41	51	60	65	44
Noise-Lock II	Solid	Solid	4.0	10.5	30	32	41	50	59	67	45
Noise-Lock II Hard	Solid	Solid	6.0	12.0	42	49	57	63	74	81	61
Noise-Lock III	Solid	Perf	4.0	11.0	36	51	68	75	83	84	59
Noise-Lock III Hard	Solid	Solid	4.0	12.0	40	50	57	65	73	80	61
Noise-Lock IV	Solid	Perf	4.0	7.3	26	31	44	52	65	74	44
Noise-Lock IV Hard	Solid	Solid	4.0	12.0	30	50	60	73	79	80	62
Fire Noise-Lock	Solid	Solid	4.0	10.5	30	32	41	50	59	67	45
Mill Duty	Solid	Perf	4.0	10.5	27	28	41	50	57	57	43
Industrial Floor Panel	Solid	Solid	4.0	9.5	27	45	58	63	71	67	50
Industrial DG Window	¼ Temp	¼ Temp	4.0	N/A	28	31	47	55	61	61	47
Noise-Lock C Class Window	¼ LSG	¼ LSG	4.0	N/A	30	44	49	53	57	65	50

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

MODULINE MODULAR ACOUSTICAL PANELS & WINDOWS

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
Noiseshield Regular	Solid	Perf	4.0	N	0.89	1.20	1.16	1.09	1.01	1.03	1.10
Noiseshield Regular	Solid	Perf	4.0	Y	0.56	0.37	0.83	0.96	0.99	1.00	0.95
Noiseshield Hard	Solid	Solid	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Noiseshield Septum	Perf ¹	Perf	4.0	N	0.50	0.68	1.03	1.05	1.00	0.99	1.10
Super Noise-Lock	Solid	Perf	4.0	N	0.94	1.19	1.11	1.06	1.06	1.04	1.10
Noise-Lock I	Solid	Perf	4.0	N	0.94	1.19	1.11	1.06	1.06	1.04	1.10
Noise-Lock II	Solid	Solid	4.0	N	0.94	1.19	1.11	1.06	1.06	1.04	1.10
Noise-Lock II Hard	Solid	Solid	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Noise-Lock III	Solid	Perf	4.0	N	0.05	0.04	0.08	0.10	0.10	1.00	0.80
Noise-Lock III Hard	Solid	Solid	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Noise-Lock IV	Solid	Perf	4.0	N	0.89	1.20	1.16	1.09	1.01	1.03	1.10
Noise-Lock IV Hard	Solid	Solid	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fire Noise-Lock	Solid	Solid	4.0	N	0.94	1.19	1.11	1.06	1.06	1.04	1.10
Mill Duty	Solid	Perf	4.0	N	0.89	1.20	1.16	1.09	1.01	1.03	1.10
Industrial Floor Panel	Solid	Solid	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Industrial DG Window	¼ Temp	¼ Temp	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Noise-Lock C Class Window	¼ LSG	¼ LSG	4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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