

## ONB™ OUTDOOR NOISE BARRIER PANELS

INC 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
ONB-35	Solid	Perf	2.0	3.9	20	22	32	42	50	57	35
ONB-41	Solid	Perf	4.0	4.5	22	26	40	50	50	57	41
ONB-44	Solid	Perf	4.0	5.5	26	30	42	51	55	59	44
ONB-52	Solid	Solid	4.0	6.0	28	43	55	63	63	69	52
ONB-55	Solid	Solid	4.0	10.9	40	49	52	55	57	63	55

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

## ONB™ OUTDOOR NOISE BARRIER PANELS

INC 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
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.