



ACOUSTIC PERFORMANCE COMPARISON

ULTRATOUCH THERMAL ACOUSTIC BATTS

Acoustical Performance								
Sound Absorption was tested in accordance with ASTM E90-02, ASTM C423 (Type A Mounting per ASTM E 795)								
Product		Absorption Coefficients @ Octave Band Frequencies (Hz)						
Size	Thickness	125	250	500	1000	2000	4000	NRC/STC
R-13	3.5"	0.95	1.3	1.19	1.08	1.02	1	NRC 1.15
R-19	5.5"	0.97	1.37	1.23	1.05	1	1.01	NRC 1.15

BONDED LOGIC ACOUSTIC SOUND PANELS

Acoustical Performance								
Sound Absorption was tested in accordance with ASTM C423 (Type A Mounting per ASTM E 795)								
Product		Absorption Coefficients @ Octave Band Frequencies (Hz)						
Thickness	Density(pcf)	125	250	500	1000	2000	4000	NRC/STC
1"	3	0.08	0.31	0.79	1.01	1.00	.99	NRC 0.80
1"	6	0.07	0.30	0.86	1.10	1.05	1.03	NRC 0.85
2"	3	0.35	0.94	1.32	1.22	1.06	1.03	NRC 1.15

OWENS CORNING SOUND ATTENUATION BATTS

Acoustical Performance								
Product		Absorption Coefficients @ Octave Band Frequencies (Hz)						
Size	Mounting	125	250	500	1000	2000	4000	NRC
2.5"	Type A	0.21	0.62	0.93	0.92	0.91	1.03	NRC 0.85
3.5"	Type A	0.48	1	1.12	1.03	0.97	0.96	NRC 1.05

* content from www.owenscorning.com