



# Acoustical Banners Performance

ACOUSTICAL TREATMENT DETAILS					1/3 OCTAVE CENTER FREQUENCY (Absorption Coefficient)																	ABSORPTION TOTALS				
SYSTEM	DESCRIPTION	FACING	TOTAL AREA TESTED (FT <sup>2</sup> )	MOUNTING	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	NRC	SAA	SABINS*	
Wall Panel, Acoust. Banner	3" Thick x 1.65 lb. Density	1.5 mil PVC perf face, solid PVC back	78	A, direct to wall	0.50	0.67	0.68	0.89	1.00	1.11	1.18	1.15	1.10	1.07	1.04	1.05	1.04	1.03	1.01	1.01	1.04	1.05	1.05	1.06	82.36	
Draped Perf Acoustical Banner	3" Thick x 1.65 lb. Density	1.5 mil PVC perf face, solid PVC back	78	J, 24" Festoon guy wires	0.61	0.93	0.78	0.80	0.89	1.02	1.14	1.18	1.17	1.20	1.18	1.18	1.16	1.18	1.14	1.11	1.10	1.10	1.08	1.10	1.10	86.06
Series 3000 Banner	2" Thick x 0.75 lb. Density	3 mil PVC perf face, solid PVC back	72	E-400 14" Plenum	0.81	0.86	0.79	0.94	0.89	0.94	0.89	0.89	0.99	1.03	1.01	1.01	1.04	1.02	1.04	1.06	1.11	1.13	0.95	0.97	70.14	
Acoustical Banner System	4" Thick x 0.75 lb. Density	3 mil PVC perf face, solid PVC back	96	J, 24" Festoon guy wires	0.62	0.73	0.77	0.82	0.84	0.96	1.00	1.02	1.05	1.04	1.03	1.02	1.01	1.01	0.96	0.92	0.91	0.86	1.00	0.98	94.08	
Acoustical Banner System	2" Thick x 1.5 lb. Density	4 mil sailcloth	96	J, 24" Festoon guy wires	0.49	0.73	0.62	0.64	0.67	0.82	0.92	0.97	1.02	1.01	0.97	0.89	0.77	0.67	0.56	0.47	0.37	0.27	0.80	0.83	79.28	
Acoustical Banner System	2" Thick x 1.5 lb. Density	1.5 mil PVC perf face, solid PVC back	96	J, 24" Festoon guy wires	0.47	0.65	0.56	0.64	0.67	0.80	0.86	0.91	0.93	0.95	0.95	0.97	0.96	0.95	0.94	0.94	0.93	0.90	0.85	0.88	84.24	
Acoustical Banner System	3" Thick x 1.65 lb. Density	1.5 mil PVC perf face, solid PVC back	78	A, Direct to the deck	0.49	0.67	0.68	0.88	1.00	1.12	1.16	1.15	1.10	1.08	1.04	1.04	1.04	1.03	1.01	1.02	1.04	1.05	1.05	1.05	82.23	
Acoustical Banner System	2" Thick x 0.75 lb. Density	Perf face, solid back, aluminum stiffeners	72	E-400, Air gap	1.13	1.00	0.82	1.01	0.97	0.95	0.94	0.94	1.07	1.05	1.07	1.04	1.06	1.05	1.03	1.08	1.11	1.11	1.00	1.02	73.08	
Acoustical Banner System	2" Thick x 1.5 lb. Density	Perf face, solid back, aluminum stiffeners	72	E-400, Air gap	1.13	0.90	0.84	0.92	0.99	0.98	0.98	1.05	1.12	1.11	1.13	1.13	1.10	1.12	1.09	1.13	1.16	1.15	1.05	1.06	76.32	
Acoustical Banner System	2" Thick x 1.5 lb. Density	PVC non-perf	96	J, horizontal, catenary	0.55	0.55	0.49	0.61	0.79	0.97	1.10	1.24	1.34	1.39	1.38	1.29	1.19	1.05	0.90	0.74	0.61	0.47	1.10	1.10	106.00	

\* Represents total Sabins for total area tested



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