

Intertek



**ASTM C 423 SOUND ABSORPTION
TEST REPORT**

Rendered to:

NEW ENGLAND SOUNDPROOFING

SERIES/MODEL: 9100AB REVRB™

TYPE: Acoustic Baffles

Summary of Test Results						
Sample ID Number & Sample Description	1/3 Octave Sound Absorption (M ² /unit) at the Octave Band Frequencies					
	125	250	500	1000	2000	4000
D9015.01 Series/Model 9100AB REVRB™, acoustic baffles	0.18	0.48	1.05	1.38	1.24	1.18

Reference should be made to Architectural Testing, Inc. Report No. D9015.01-113-11 for complete test specimen description. The complete test results are listed in Appendix B.

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NEW ENGLAND SOUNDPROOFING

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1

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Architectural Testing



ACCREDITED
TL-144

SOUND ABSORPTION

ASTM C 423

Test Date	07/21/14	
ATI No.	D9015.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9100AB REVRB™ Acoustic Baffles	
Operator	Daniel P. Platts	
Number of Units	8	
Mounting Type	Type J	
	Empty	Full
Temp C	22	22
RH %	45	47
B.P. (mb)	1013	

Freq (Hz)	Empty Room Absorption (m ²)	Uncertainty	Full Room Absorption (m ²)	Uncertainty	Absorption (m ² per Unit)	Relative Uncertainty
80	5.00	0.056	5.55	0.071	0.07	0.011
100	4.93	0.010	5.72	0.055	0.10	0.007
125	4.55	0.018	5.95	0.000	0.18	0.002
160	4.42	0.005	6.36	0.055	0.24	0.007
200	4.57	0.038	7.53	0.029	0.37	0.006
250	4.85	0.002	8.70	0.011	0.48	0.001
315	4.84	0.010	9.92	0.023	0.63	0.003
400	5.21	0.009	11.28	0.048	0.76	0.006
500	5.12	0.009	13.50	0.044	1.05	0.006
630	4.77	0.025	14.34	0.060	1.20	0.008
800	4.71	0.005	15.72	0.009	1.38	0.001
1000	4.80	0.008	15.85	0.047	1.38	0.006
1250	5.09	0.004	15.96	0.026	1.36	0.003
1600	4.89	0.004	15.20	0.051	1.29	0.006
2000	4.82	0.009	14.72	0.036	1.24	0.005
2500	4.99	0.003	14.79	0.047	1.23	0.006
3150	5.29	0.002	14.91	0.066	1.20	0.008
4000	5.50	0.003	14.96	0.013	1.18	0.002
5000	6.00	0.004	15.34	0.013	1.17	0.002

ATI 00258 Revised 04/24/2013



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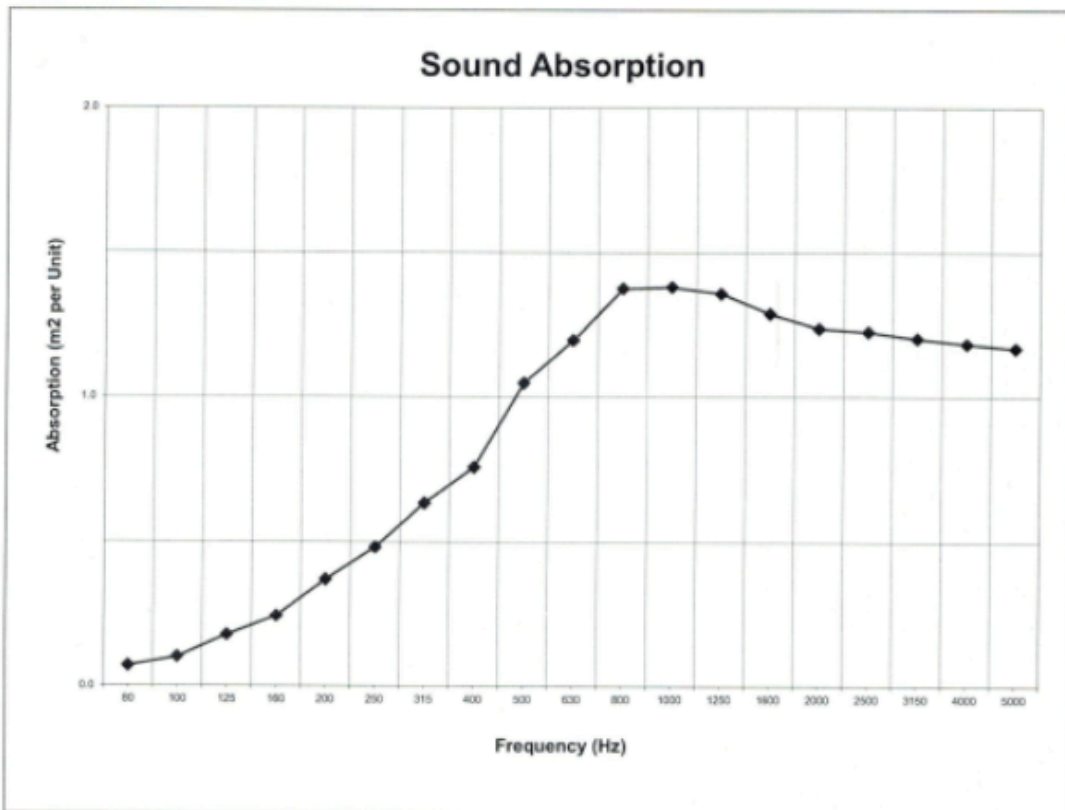
2

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SOUND ABSORPTION ASTM C 423

Test Date	07/21/14	
ATI No.	D9015.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9100AB REVRB™ Acoustic Baffles	
Operator	Daniel P. Platts	
Number of Units	8	
Mounting Type	Type J	
	Empty	Full
Temp C	22.2	22.0
RH %	45	47
B.P. (mb)	1013	



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3

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