


ASTM C 423 SOUND ABSORPTION TEST REPORT

Rendered to:

NEW ENGLAND SOUNDPROOFING

SERIES/MODEL: 9000AP REVRB™

TYPE: Acoustical Wall Panel

Summary of Test Results								
Sample ID Number & Sample Description	1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies						NRC	SAA
	125	250	500	1000	2000	4000		
D9013.01 Series/Model 9000AP REVRB™, acoustical wall panel	0.12	0.90	1.15	1.12	0.97	0.98	1.05	1.01

Reference should be made to Architectural Testing, Inc. Report No. D9013.01-113-11 for complete test specimen description. The complete test results are listed in Appendix B.

130 Derry Court
York, PA 17406

www.archtest.com • www.intertek.com/building

p. 717.764.7700
f. 717.764.4129



REVRB
Acoustic Panels
190 Felton St
Waltham, MA 02453

1

PHONE (781) 710-1261
E-MAIL JDrago@NewEnglandSoundproofing.com
WEB SITE www.NewEnglandSoundproofing.com



SOUND ABSORPTION ASTM C 423

Test Date	07/21/14	
ATI No.	D9013.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9000AP REVRB™ Acoustic Wall Panel	
Operator	Daniel P. Platts	
Sample Area	7.43 m ²	
Mounting Type	Type F5	
	Empty	Full
Temp C	22	23
RH %	45	47
B.P. (mb)	1012	

Freq (Hz)	Empty Room Absorption (m ²)	Uncertainty	Full Room Absorption (m ²)	Uncertainty	Absorption Coefficient	Relative Uncertainty
80	5.00	0.056	5.28	0.045	0.04	0.010
100	4.93	0.010	5.33	0.035	0.05	0.005
125	4.55	0.018	5.46	0.009	0.12	0.003
160	4.42	0.005	6.57	0.015	0.29	0.002
200	4.57	0.038	8.48	0.018	0.53	0.006
250	4.85	0.002	11.54	0.030	0.90	0.004
315	4.84	0.010	12.53	0.046	1.03	0.006
400	5.21	0.009	13.11	0.057	1.06	0.008
500	5.12	0.009	13.63	0.052	1.15	0.007
630	4.77	0.025	12.95	0.025	1.10	0.005
800	4.71	0.005	13.29	0.004	1.15	0.001
1000	4.80	0.008	13.13	0.061	1.12	0.008
1250	5.09	0.004	13.49	0.019	1.13	0.003
1600	4.89	0.004	12.62	0.030	1.04	0.004
2000	4.82	0.009	12.05	0.026	0.97	0.004
2500	4.99	0.003	12.34	0.029	0.99	0.004
3150	5.29	0.002	13.07	0.001	1.05	0.000
4000	5.50	0.003	12.78	0.014	0.98	0.002
5000	6.00	0.004	13.27	0.020	0.98	0.003

NRC Rating **1.05** (Noise Reduction Coefficient)
SAA Rating **1.01** (Sound Absorption Average)

Notes:

1) The NRC rating is the arithmetic average of the sound absorption coefficients at 250, 500, 1000, and 2000 hertz. The average is rounded to the nearest multiple of 0.05.

2) The SAA rating is the arithmetic average of the sound absorption coefficients at the frequencies ranging from 200 to 2500 hertz. The average is rounded to the nearest multiple of 0.01.

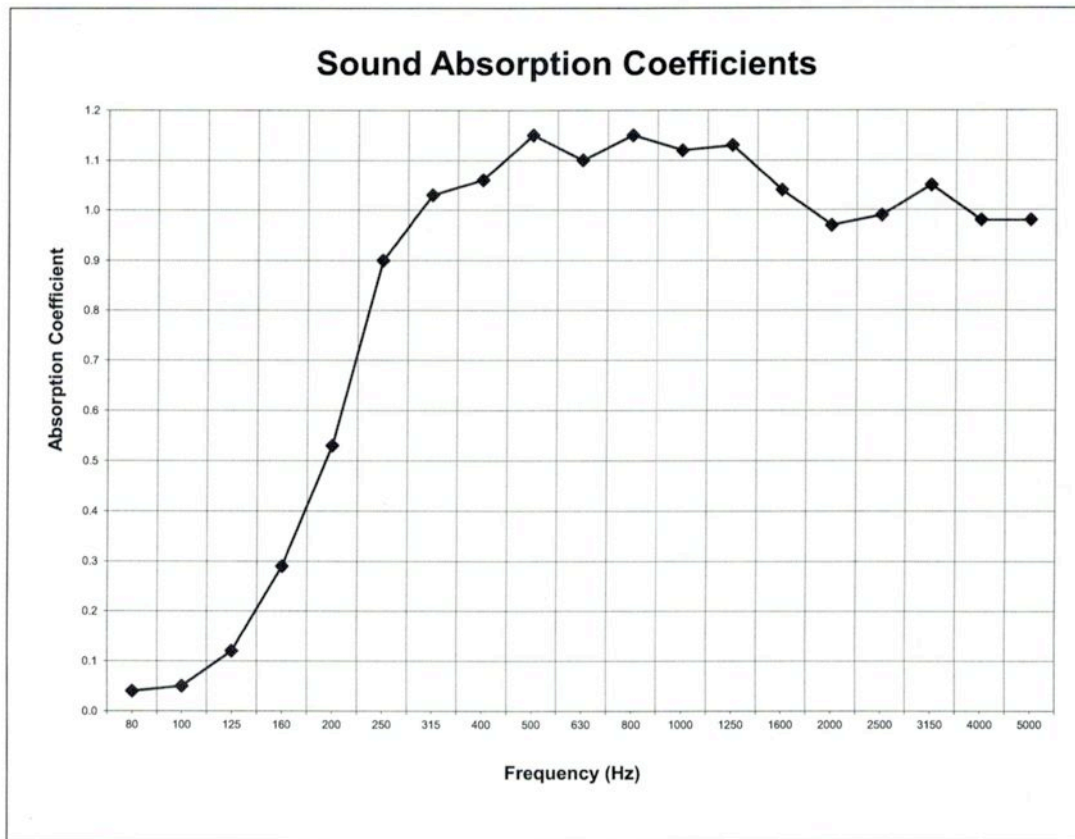
ATI 00258 Revised 04/24/2013

Intertek



SOUND ABSORPTION
ASTM C 423

Test Date	07/21/14	
ATI No.	D9013.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9000AP REVRB™ Acoustic Wall Panel	
Operator	Daniel P. Platts	
Sample Area	7.43 m ²	
Mounting Type	Type F5	
	Empty	Full
Temp C	22.2	22.9
RH %	45	47
B.P. (mb)	1012	



ATI 00258 Revised 04/24/2013



NEW ENGLAND SOUNDPROOFING

REVRB
Acoustic Panels
190 Felton St
Waltham, MA 02453

3

PHONE (781) 710-1261
E-MAIL JDrago@NewEnglandSoundproofing.com
WEB SITE www.NewEnglandSoundproofing.com



**ASTM C 423 SOUND ABSORPTION
TEST REPORT**

Rendered to:

NEW ENGLAND SOUNDPROOFING

SERIES/MODEL: 9000AP REVRB™

TYPE: Acoustical Ceiling Panel

Summary of Test Results								
Sample ID Number & Sample Description	1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies						NRC	SAA
	125	250	500	1000	2000	4000		
D9014.01 Series/Model 9000AP REVRB™, acoustical ceiling panel	0.15	0.90	1.10	1.11	0.97	0.97	1.00	1.00

Reference should be made to Architectural Testing, Inc. Report No. D9013.01-113-11 for complete test specimen description. The complete test results are listed in Appendix B.

130 Derry Court
York, PA 17406

www.archtest.com • www.intertek.com/building

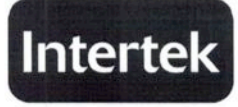
p. 717.764.7700
f. 717.764.4129



REVRB
Acoustic Panels
190 Felton St
Waltham, MA 02453

4

PHONE (781) 710-1261
E-MAIL JDrago@NewEnglandSoundproofing.com
WEB SITE www.NewEnglandSoundproofing.com



SOUND ABSORPTION ASTM C 423

Test Date	07/21/14	
ATI No.	D9014.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9000AP REVRB™ Acoustic Ceiling Panel	
Operator	Daniel P. Platts	
Sample Area	7.43 m ²	
Mounting Type	Type A	
	Empty	Full
Temp C	22	23
RH %	45	46
B.P. (mb)	1013	

Freq (Hz)	Empty Room Absorption (m ²)	Uncertainty	Full Room Absorption (m ²)	Uncertainty	Absorption Coefficient	Relative Uncertainty
80	5.00	0.056	5.68	0.038	0.09	0.009
100	4.93	0.010	5.53	0.056	0.08	0.008
125	4.55	0.018	5.68	0.006	0.15	0.003
160	4.42	0.005	7.21	0.037	0.37	0.005
200	4.57	0.038	9.06	0.087	0.60	0.013
250	4.85	0.002	11.56	0.035	0.90	0.005
315	4.84	0.010	12.67	0.033	1.05	0.005
400	5.21	0.009	12.57	0.005	0.99	0.001
500	5.12	0.009	13.27	0.071	1.10	0.010
630	4.77	0.025	12.87	0.040	1.09	0.006
800	4.71	0.005	12.89	0.015	1.10	0.002
1000	4.80	0.008	13.07	0.008	1.11	0.001
1250	5.09	0.004	13.03	0.053	1.07	0.007
1600	4.89	0.004	12.73	0.007	1.06	0.001
2000	4.82	0.009	12.04	0.047	0.97	0.006
2500	4.99	0.003	12.33	0.004	0.99	0.001
3150	5.29	0.002	12.89	0.002	1.02	0.000
4000	5.50	0.003	12.74	0.007	0.97	0.001
5000	6.00	0.004	12.86	0.026	0.92	0.003

NRC Rating **1.00** (Noise Reduction Coefficient)
SAA Rating **1.00** (Sound Absorption Average)

Notes:

1) The NRC rating is the arithmetic average of the sound absorption coefficients at 250, 500, 1000, and 2000 hertz. The average is rounded to the nearest multiple of 0.05.

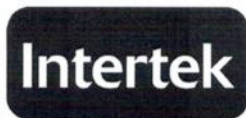
2) The SAA rating is the arithmetic average of the sound absorption coefficients at the frequencies ranging from 200 to 2500 hertz. The average is rounded to the nearest multiple of 0.01.

ATI 00258 Revised 04/24/2013



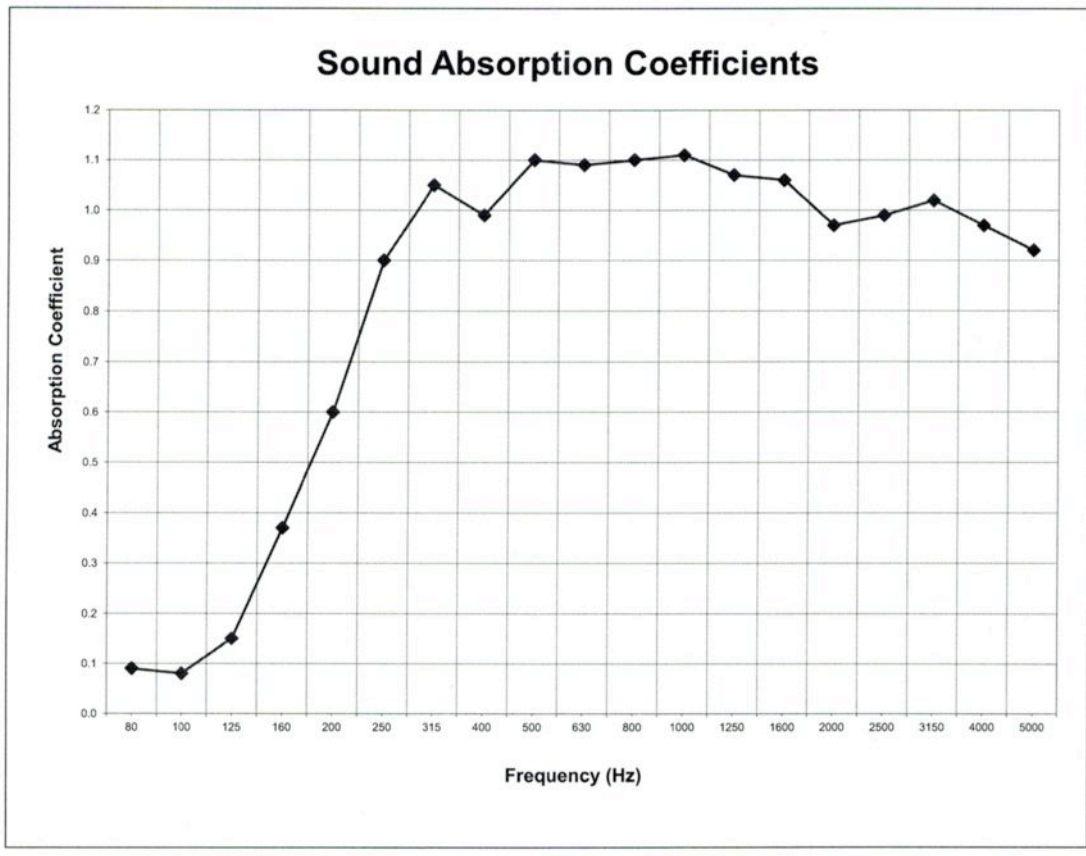
REVRB
Acoustic Panels
190 Felton St
Waltham, MA 02453

PHONE (781) 710-1261
 E-MAIL JDrago@NewEnglandSoundproofing.com
 WEB SITE www.NewEnglandSoundproofing.com



SOUND ABSORPTION ASTM C 423

Test Date	07/21/14	
ATI No.	D9014.01	
Client	New England Soundproofing	
Specimen	Series/Model: 9000AP REVRB™ Acoustic Ceiling Panel	
Operator	Daniel P. Platts	
Sample Area	7.43 m ²	
Mounting Type	Type A	
	Empty	Full
Temp C	22.2	22.9
RH %	45	46
B.P. (mb)	1013	



ATI 00258 Revised 04/24/2013