

# NWAA Labs, Inc.

90 Tower Blvd,  
Elma, WA 98541  
(253)-973-1018

Test #	NWAB210823-02
Test Date:	23-Aug-21
Mounting per ASTM E795-00:	A Mount
Area Tested: M <sup>2</sup>	11.84
Temperature: °C	23
Barometer: pa	100000
Humidity: %	62

NRC	0.70
SAA	0.70

MBI Bandit 4" x 16" w frame			
Frequency (Hz)	Absorption Coefficient	Absorption (m <sup>2</sup> )	Absorption (sabins)
25Hz	0.09	1.09	11.70
31.5Hz	0.26	3.12	33.60
40Hz	0.36	4.31	46.40
50Hz	0.00	0.00	0.00
63Hz	0.09	1.02	10.90
80Hz	0.07	0.82	8.80
100Hz	0.10	1.16	12.50
125Hz	0.41	4.90	52.70
160Hz	0.50	5.98	64.30
200Hz	0.68	8.08	87.00
250Hz	0.79	9.33	100.40
315Hz	0.87	10.31	110.90
400Hz	1.05	12.42	133.70
500Hz	0.97	11.49	123.70
630Hz	0.80	9.43	101.50
800Hz	0.67	7.87	84.80
1000Hz	0.63	7.40	79.70
1250Hz	0.57	6.78	73.00
1600Hz	0.51	6.09	65.60
2000Hz	0.49	5.78	62.20
2500Hz	0.40	4.70	50.60
3150Hz	0.32	3.80	40.90
4000Hz	0.27	3.26	35.00
5000Hz	0.16	1.94	20.90
6300Hz	0.14	1.68	18.10
8000Hz	0.14	1.71	18.40
10000Hz	0.11	1.36	14.60

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