Zilenzio Timber Wall 600x2000 mm

SOUND ABSORPTION AREA - INTERPOLATED FROM MEASUREMENTS

Interpolated sound absorption area from ISO 354 reverberation room measurements, evaluated according to SS 25269

Report number:
15-055-M1
Date
2015-06-15

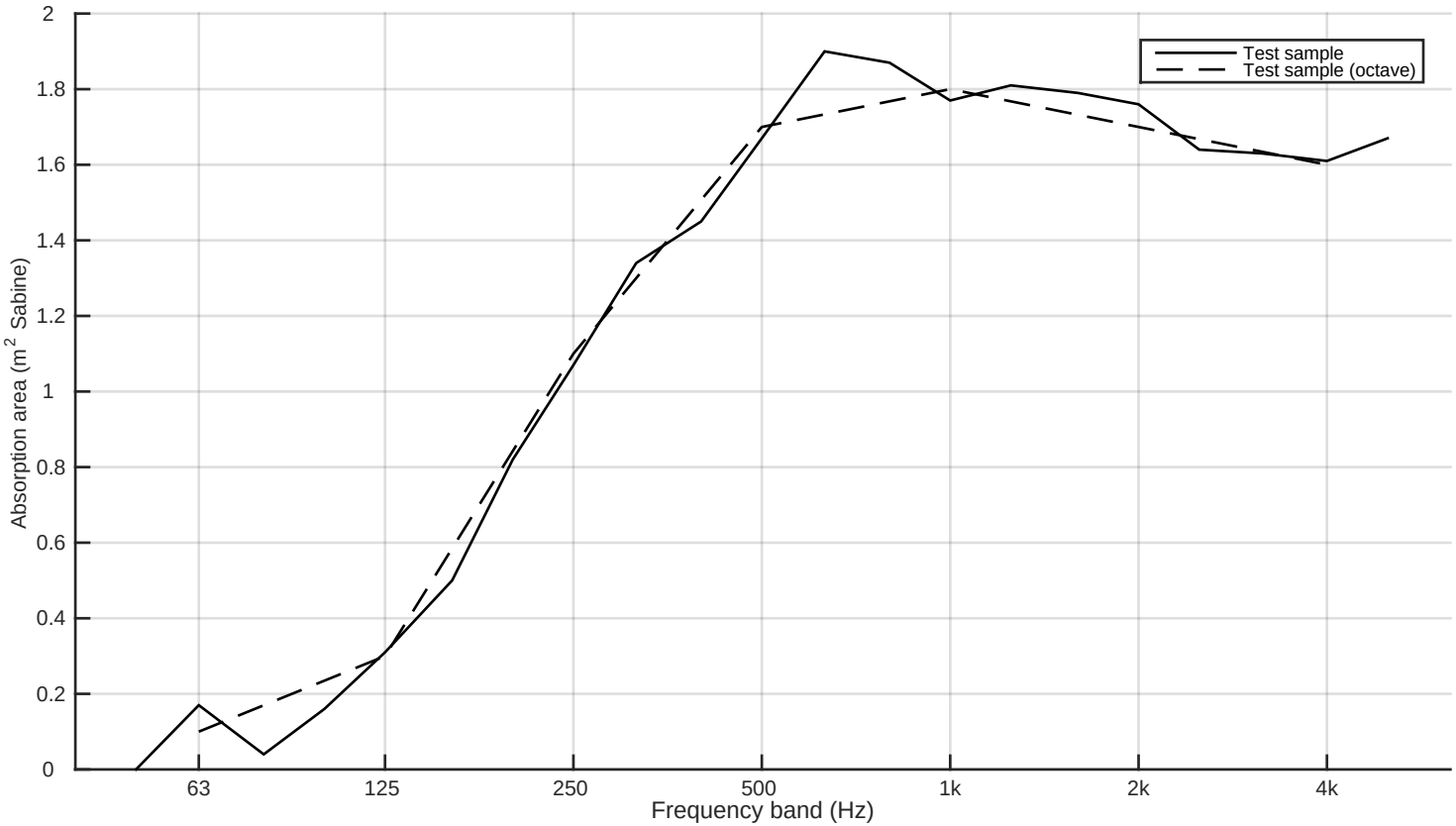
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.17	0.1
80	0.04	
100	0.16	
125	0.31	0.3
160	0.50	
200	0.82	
250	1.07	1.1
315	1.34	
400	1.45	
500	1.67	1.7
630	1.90	
800	1.87	
1000	1.77	1.8
1250	1.81	
1600	1.79	
2000	1.76	1.7
2500	1.64	
3150	1.63	
4000	1.61	1.6
5000	1.67	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Wall 600x2000 mm

Description of test specimen: Sound absorption area for 600 x 2000 mm layout of Timber Wall, thickness 53 mm.
Values are interpolated from measurements on
13-07-M15 DezignWall600x600, 13-07-M16 DezignWall1200x600,
13-07-M17 DezignWall1200x1200 and 13-07-M18 DezignWall1800x600.
The graph scaling deviates from ISO 354 to make it more readable.



AKUSTIKVERKSTAN

Zilenzio Timber Wall 600x3000

SOUND ABSORPTION AREA - INTERPOLATED FROM MEASUREMENTS

Interpolated sound absorption area from ISO 354 reverberation room measurements, evaluated according to SS 25269

Report number:
15-055-M2
Date
2015-06-15

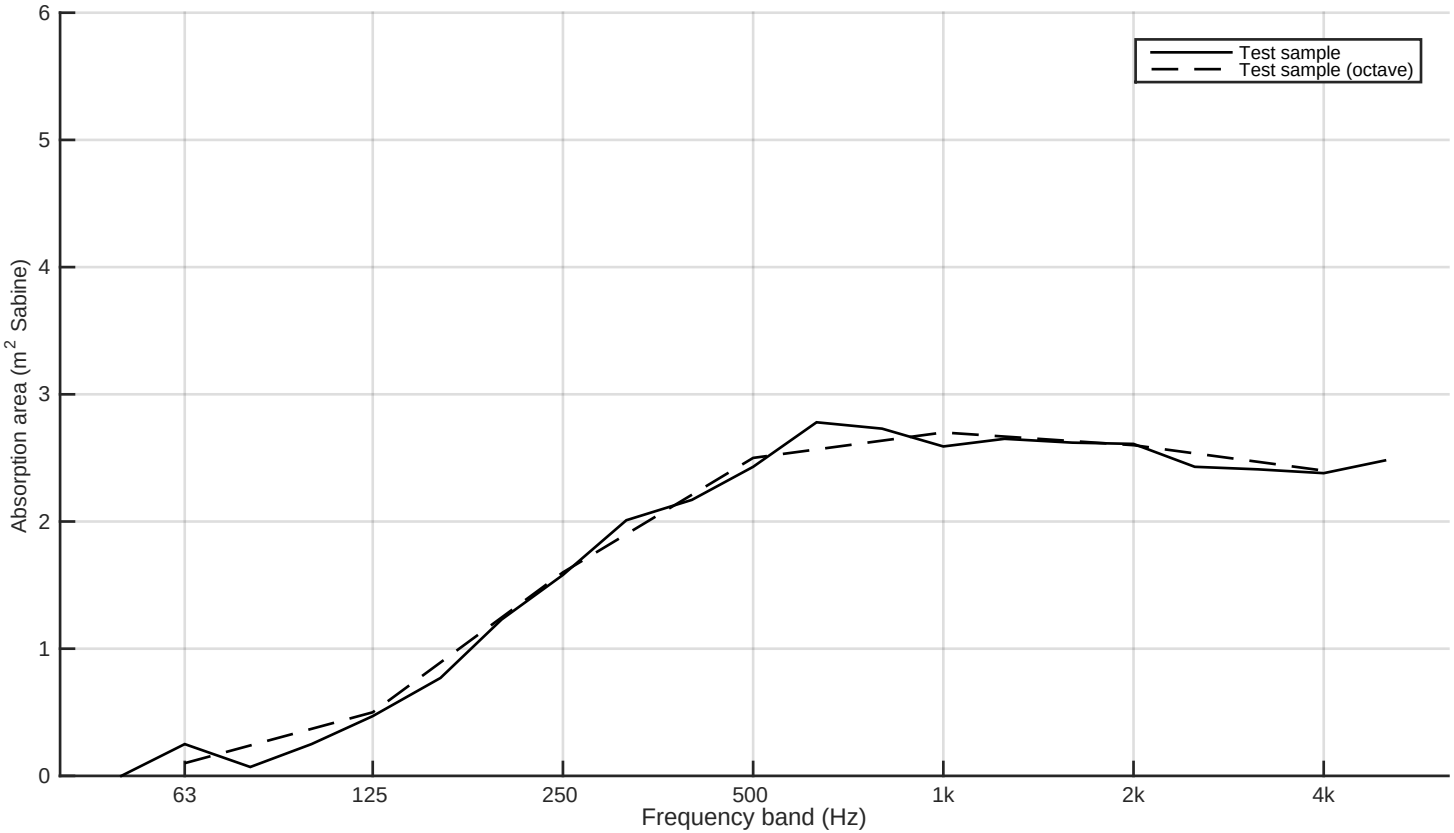
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.25	0.1
80	0.07	
100	0.25	
125	0.47	0.5
160	0.77	
200	1.23	
250	1.58	1.6
315	2.01	
400	2.17	
500	2.43	2.5
630	2.78	
800	2.73	
1000	2.59	2.7
1250	2.65	
1600	2.62	
2000	2.61	2.6
2500	2.43	
3150	2.41	
4000	2.38	2.4
5000	2.48	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Wall 600 x 3000 mm

Description of test specimen: Sound absorption area for 600 x 3000 mm layout of Timber Wall, thickness 53 mm.
Values are interpolated from measurements on 13-07-M15 DezignWall600x600, 13-07-M16 DezignWall1200x600, 13-07-M17 DezignWall1200x1200 and 13-07-M18 DezignWall1800x600.



AKUSTIKVERKSTAN

Zilenzio Timber Wall 600x1200

SOUND ABSORPTION AREA - INTERPOLATED FROM MEASUREMENTS

Interpolated sound absorption area from ISO 354 reverberation room measurements, evaluated according to SS 25269

Report number:
15-055-M3
Date
2015-06-15

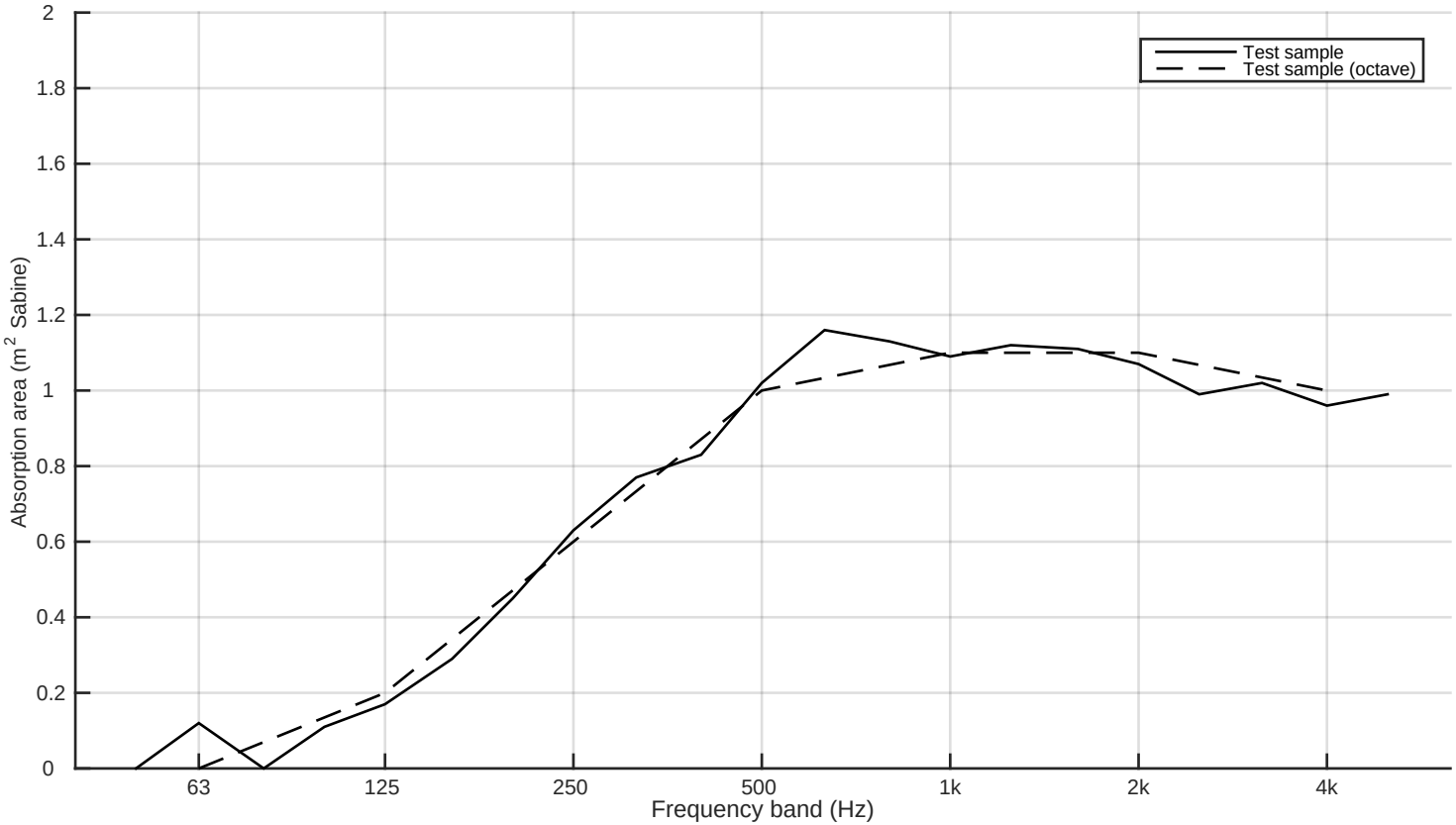
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.12	0.0
80	0.00	
100	0.11	
125	0.17	0.2
160	0.29	
200	0.45	
250	0.63	0.6
315	0.77	
400	0.83	
500	1.02	1.0
630	1.16	
800	1.13	
1000	1.09	1.1
1250	1.12	
1600	1.11	
2000	1.07	1.1
2500	0.99	
3150	1.02	
4000	0.96	1.0
5000	0.99	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Wall 600 x 1200 mm

Description of test specimen: Sound absorption area for 600 x 1200 mm layout of Timber Wall, thickness 53 mm.
The measurement values are directly taken from measurements reported in 13-07-M16 DezignWall1200x600. The products are equal regarding sound absorption.
The graph scaling deviates from ISO 354 to make it more readable, as the actual size of each object is small (0.72 square meter).



AKUSTIKVERKSTAN

Zilenzio Timber Wall 1200x1200

SOUND ABSORPTION AREA - INTERPOLATED FROM MEASUREMENTS

Interpolated sound absorption area from ISO 354 reverberation room measurements, evaluated according to SS 25269

Report number:
15-055-M4
Date
2015-06-15

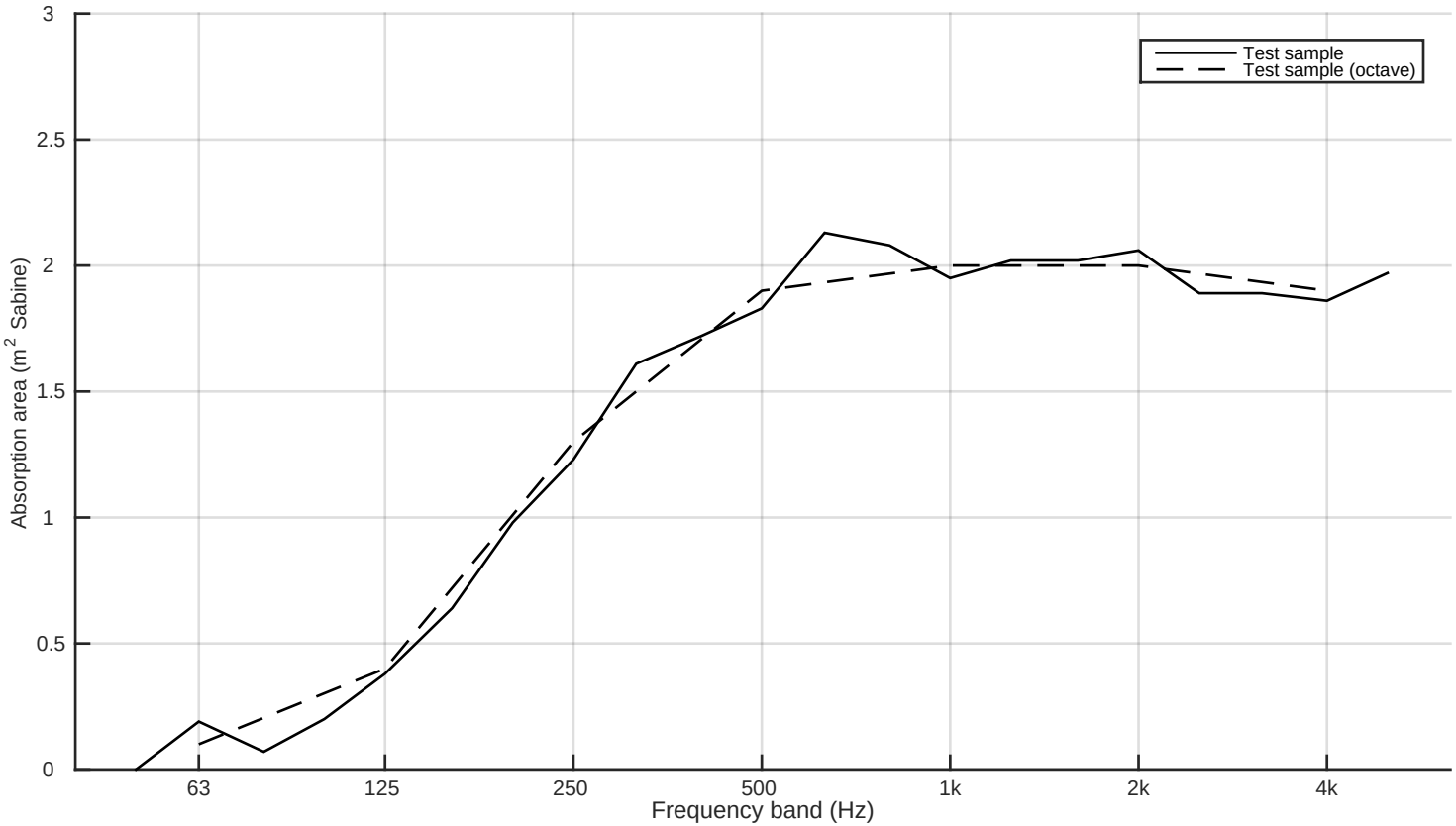
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.19	0.1
80	0.07	
100	0.20	
125	0.38	0.4
160	0.64	
200	0.98	
250	1.23	1.3
315	1.61	
400	1.72	
500	1.83	1.9
630	2.13	
800	2.08	
1000	1.95	2.0
1250	2.02	
1600	2.02	
2000	2.06	2.0
2500	1.89	
3150	1.89	
4000	1.86	1.9
5000	1.97	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Wall 1200 x 1200 mm

Description of test specimen: Sound absorption area for 1200 x 1200 mm layout of Timber Wall, thickness 53 mm.
The measurement values are directly taken from measurements reported in 13-07-M17 DezignWall1200x1200. The products are equal regarding sound absorption.
The graph scaling deviates from ISO 354 to make it more readable.



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