Zilenzio Timber Ceiling 600x2000

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-M5
Date
2015-06-15

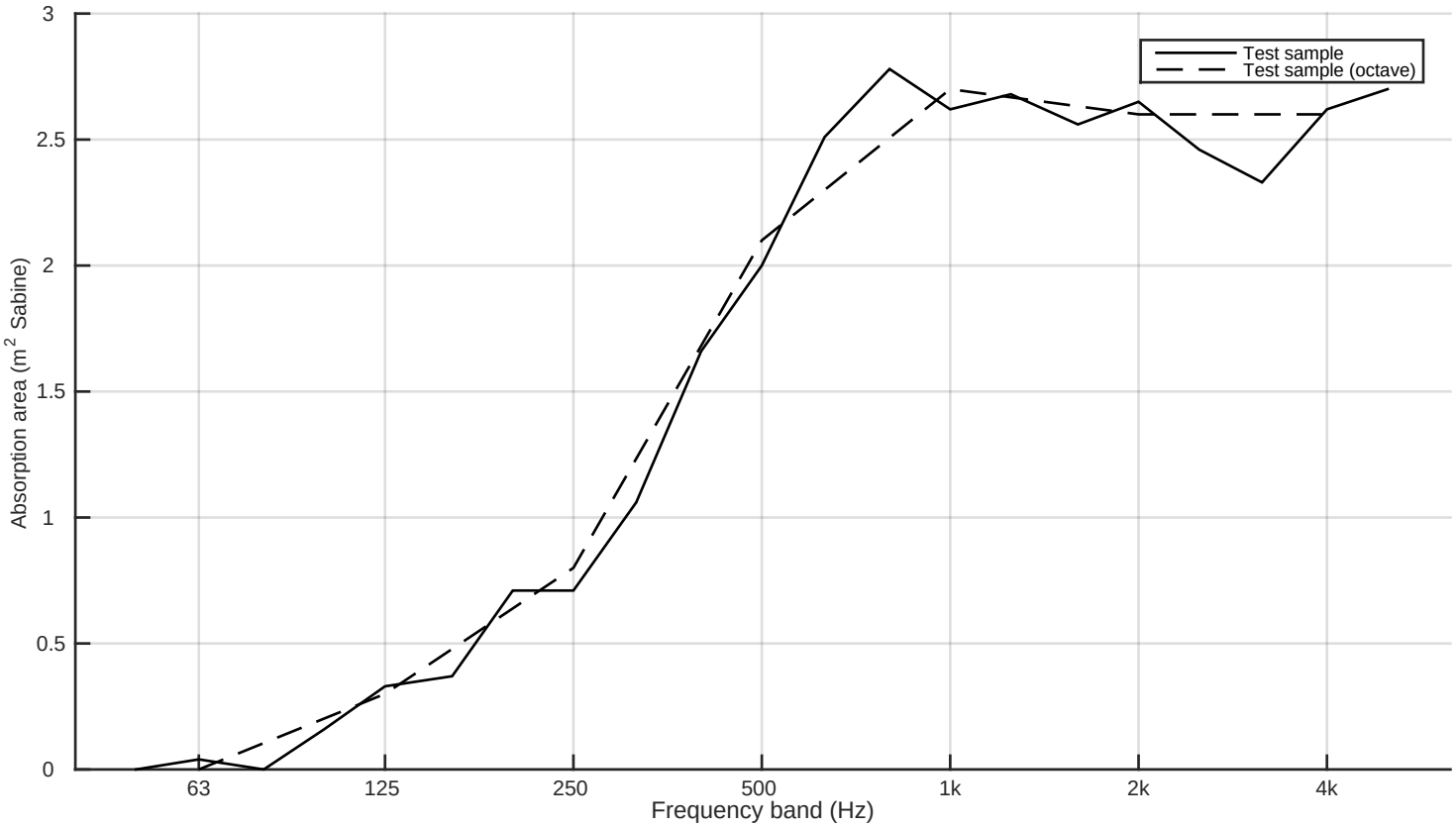
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.04	0.0
80	0.00	
100	0.16	
125	0.33	0.3
160	0.37	
200	0.71	
250	0.71	0.8
315	1.06	
400	1.66	
500	2.00	2.1
630	2.51	
800	2.78	
1000	2.62	2.7
1250	2.68	
1600	2.56	
2000	2.65	2.6
2500	2.46	
3150	2.33	
4000	2.62	2.6
5000	2.70	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Ceiling 600 x 2000 mm

Description of test specimen: Sound absorption area for 600 x 2000 mm layout of Timber Ceiling, thickness 53 mm. Both sides of absorber is exposed.
Values are interpolated from measurements on 13-07-M15 DezignWall600x600, 13-07-M16 DezignWall1200x600, 13-07-M17 DezignWall1200x1200, 13-07-M18 DezignWall1800x600 and 13-07-M13 Dezign Ceiling standing.



AKUSTIKVERKSTAN

Zilenzio Timber Ceiling 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-M6
Date
2015-06-15

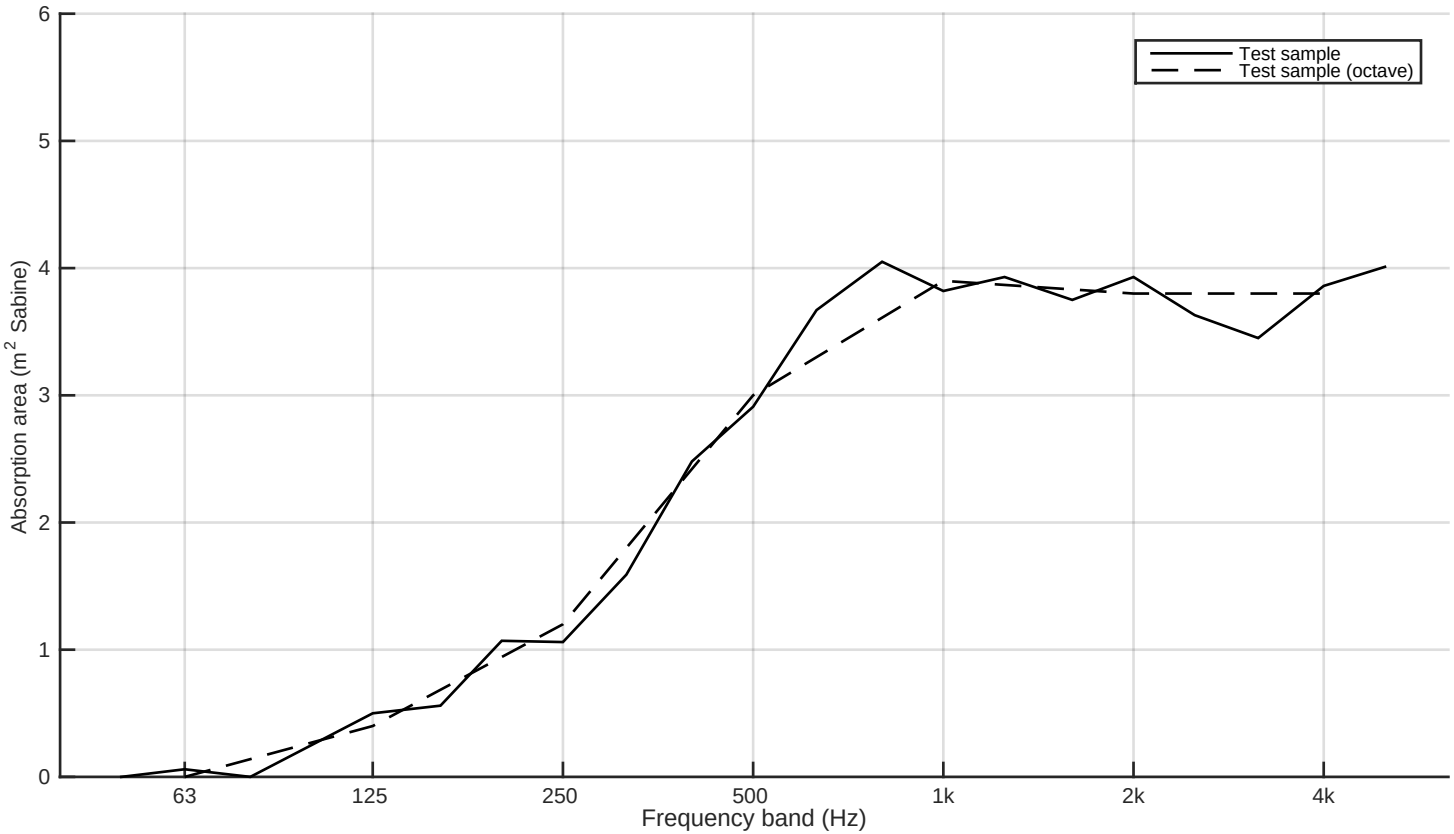
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.06	0.0
80	0.00	
100	0.25	
125	0.50	0.4
160	0.56	
200	1.07	
250	1.06	1.2
315	1.59	
400	2.48	
500	2.91	3.0
630	3.67	
800	4.05	
1000	3.82	3.9
1250	3.93	
1600	3.75	
2000	3.93	3.8
2500	3.63	
3150	3.45	
4000	3.86	3.8
5000	4.01	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Ceiling 600 x 3000 mm

Description of test specimen: Sound absorption area for 600 x 3000 mm layout of Timber Ceiling, thickness 53 mm. Both sides of absorber is exposed.
Values are interpolated from measurements on 13-07-M15 DezignWall600x600, 13-07-M16 DezignWall1200x600, 13-07-M17 DezignWall1200x1200, 13-07-M18 DezignWall1800x600 and 13-07-M13 Dezign Ceiling standing.



AKUSTIKVERKSTAN

Zilenzio Timber Ceiling 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-M7
Date
2015-06-15

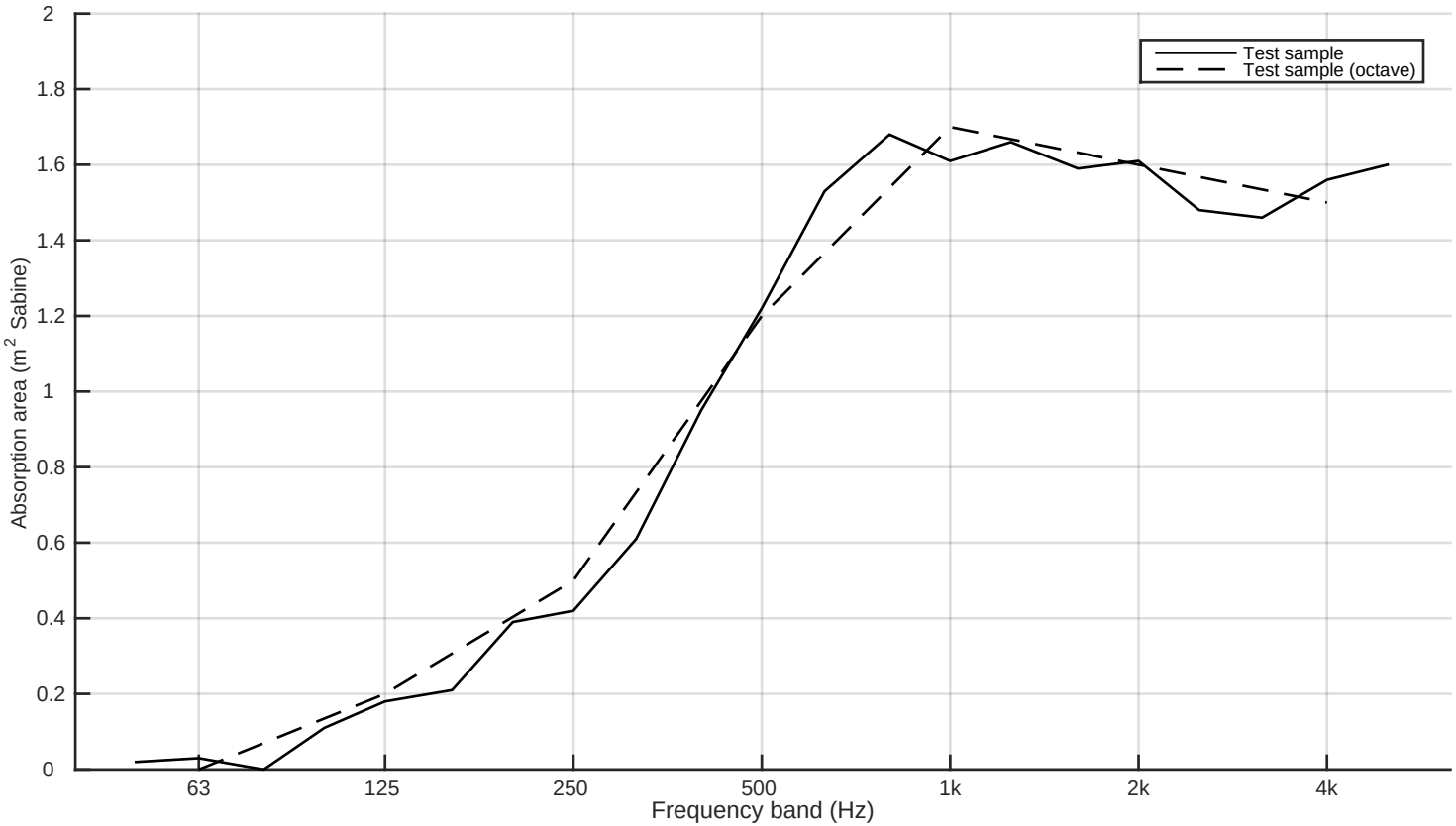
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.02	
63	0.03	0.0
80	0.00	
100	0.11	
125	0.18	0.2
160	0.21	
200	0.39	
250	0.42	0.5
315	0.61	
400	0.95	
500	1.22	1.2
630	1.53	
800	1.68	
1000	1.61	1.7
1250	1.66	
1600	1.59	
2000	1.61	1.6
2500	1.48	
3150	1.46	
4000	1.56	1.5
5000	1.60	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Ceiling 600 x 1200 mm

Description of test specimen: Sound absorption area for 600 x 1200 mm layout of Timber Ceiling, thickness 53 mm. Both sides of absorber is exposed.
The measurement values are directly taken from measurements reported in 13-07-M13 Dezign Ceiling standing. The products are equal regarding sound reduction.
The graph scaling deviates from ISO 354 to make it more readable.



AKUSTIKVERKSTAN

Zilenzio Timber Ceiling 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-M8
Date
2015-06-15

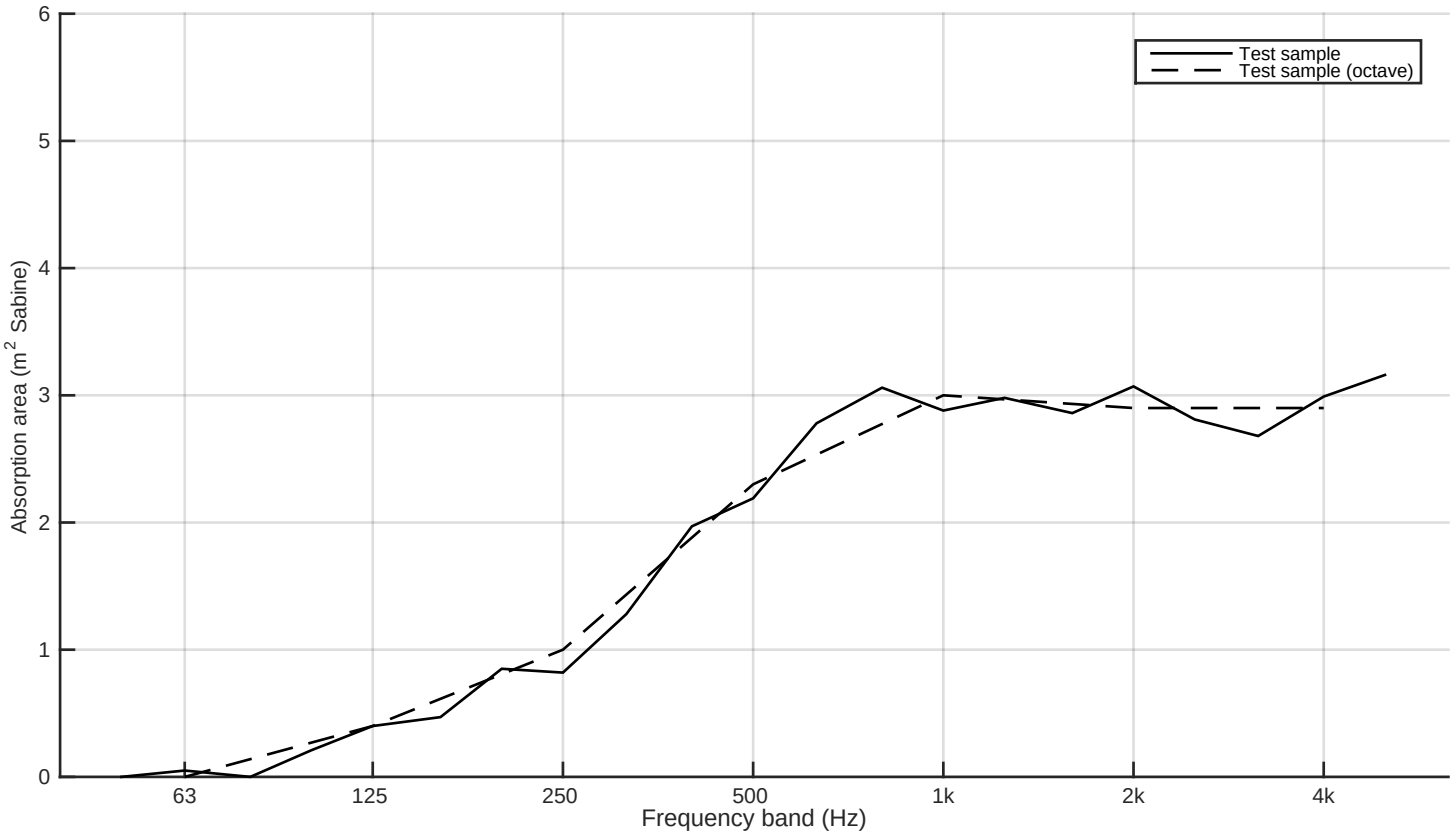
Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.05	0.0
80	0.00	
100	0.21	
125	0.40	0.4
160	0.47	
200	0.85	
250	0.82	1.0
315	1.28	
400	1.97	
500	2.19	2.3
630	2.78	
800	3.06	
1000	2.88	3.0
1250	2.98	
1600	2.86	
2000	3.07	2.9
2500	2.81	
3150	2.68	
4000	2.99	2.9
5000	3.16	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Timber Ceiling 1200 x 1200 mm

Description of test specimen: Sound absorption area for 1200 x 1200 mm layout of Timber Ceiling, thickness 53 mm. Both sides of absorber is exposed.
Values are interpolated from measurements on 13-07-M15 DezignWall600x600, 13-07-M16 DezignWall1200x600, 13-07-M17 DezignWall1200x1200, 13-07-M18 DezignWall1800x600 and 13-07-M13 Dezign Ceiling standing.



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