Scrunch

SOUND ABSORPTION COEFFICIENT ACCORDING TO ISO 354 AND ISO 11654

Measurement of sound absorption coefficient in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 14−41−M11

Date 2014−04−01

Frequency f [Hz]	Sound absorption coefficient α_s	α_p
50	0.04	
63	0.05	0.05
80	0.01	
100	0.06	
125	0.07	0.10
160	0.14	
200	0.17	
250	0.30	0.30
315	0.42	
400	0.53	
500	0.68	0.65
630	0.81	
800	0.85	
1000	0.89	0.90
1250	0.91	
1600	0.93	
2000	0.92	0.90
2500	0.92	
3150	0.91	
4000	0.89	0.90
5000	0.93	

α_w = 0.60(MH)

Absorption class = C

Client: Offect

Manufacturer: Offect

Product identification: Scrunch

Description of test specimen: Scrunch utan fyllning, 30 paneler direkt på golv, typ A−montage.

Reverberation room volume: 200 m³

Temperature: 16 °C (empty: 14 °C)

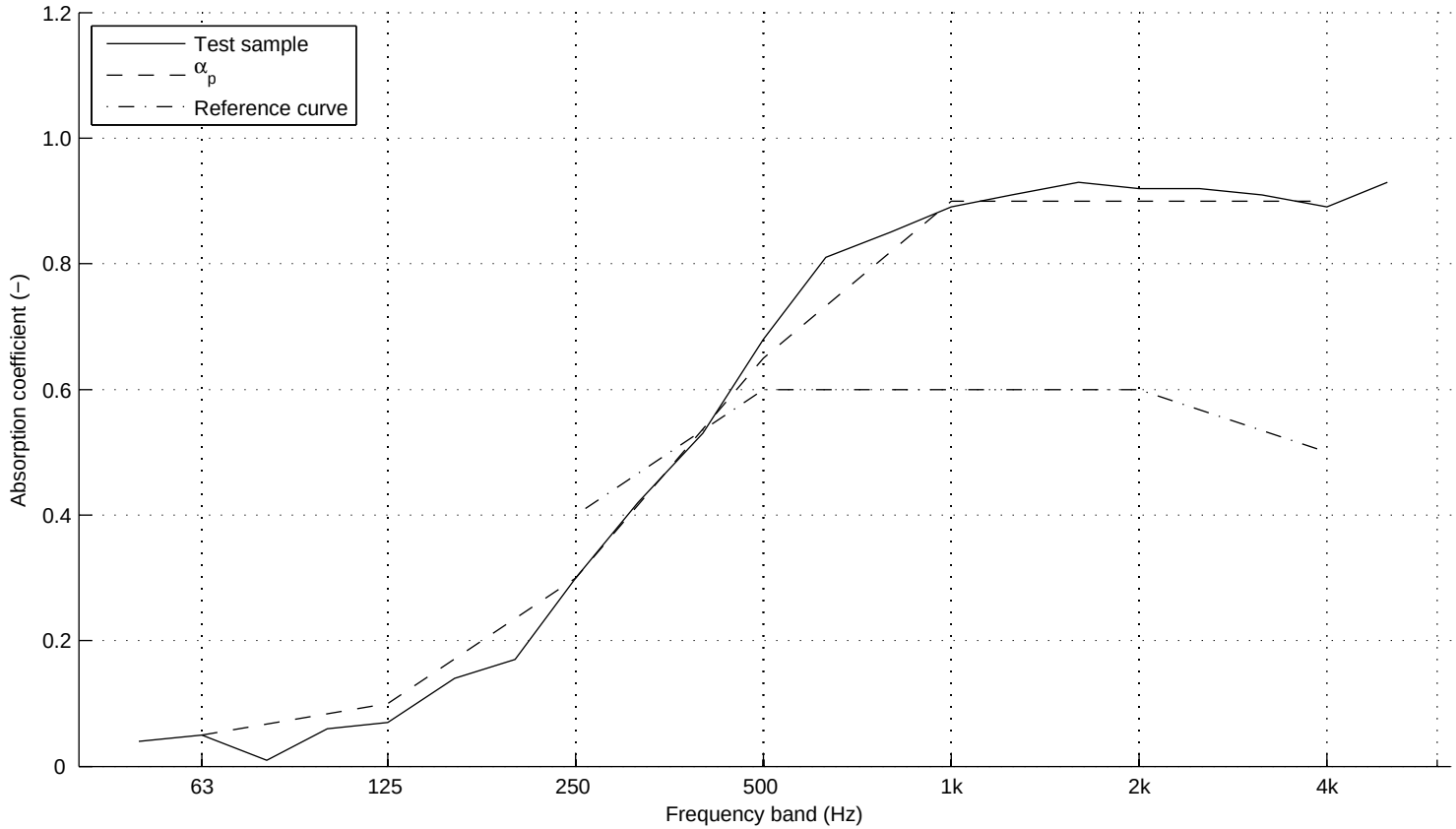
Air humidity: 79.2 % (empty: 74.6 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Size of specimen: 10.31 m²

Measurement date: 2013−06−20

Measured by: Pontus Thorsson



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Scrunch + basfill

SOUND ABSORPTION COEFFICIENT ACCORDING TO ISO 354 AND ISO 11654

Measurement of sound absorption coefficient in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 14−41−M10

Date 2014−04−01

Frequency f [Hz]	Sound absorption coefficient α_s	α_p
50	0.00	
63	0.06	0.05
80	0.02	
100	0.08	
125	0.11	0.15
160	0.23	
200	0.35	
250	0.56	0.55
315	0.81	
400	0.94	
500	1.04	1.00
630	1.04	
800	1.02	
1000	1.03	1.00
1250	1.02	
1600	0.98	
2000	0.97	0.95
2500	0.94	
3150	0.93	
4000	0.91	0.95
5000	0.96	

α_w = 0.85

Absorption class = B

Client: Offect

Manufacturer: Offect

Product identification: Scrunch + basfill

Description of test specimen: Scrunch med fyllning, 30 paneler direkt på golv, typ A−montage.

Reverberation room volume: 200 m³

Temperature: 16 °C (empty: 14 °C)

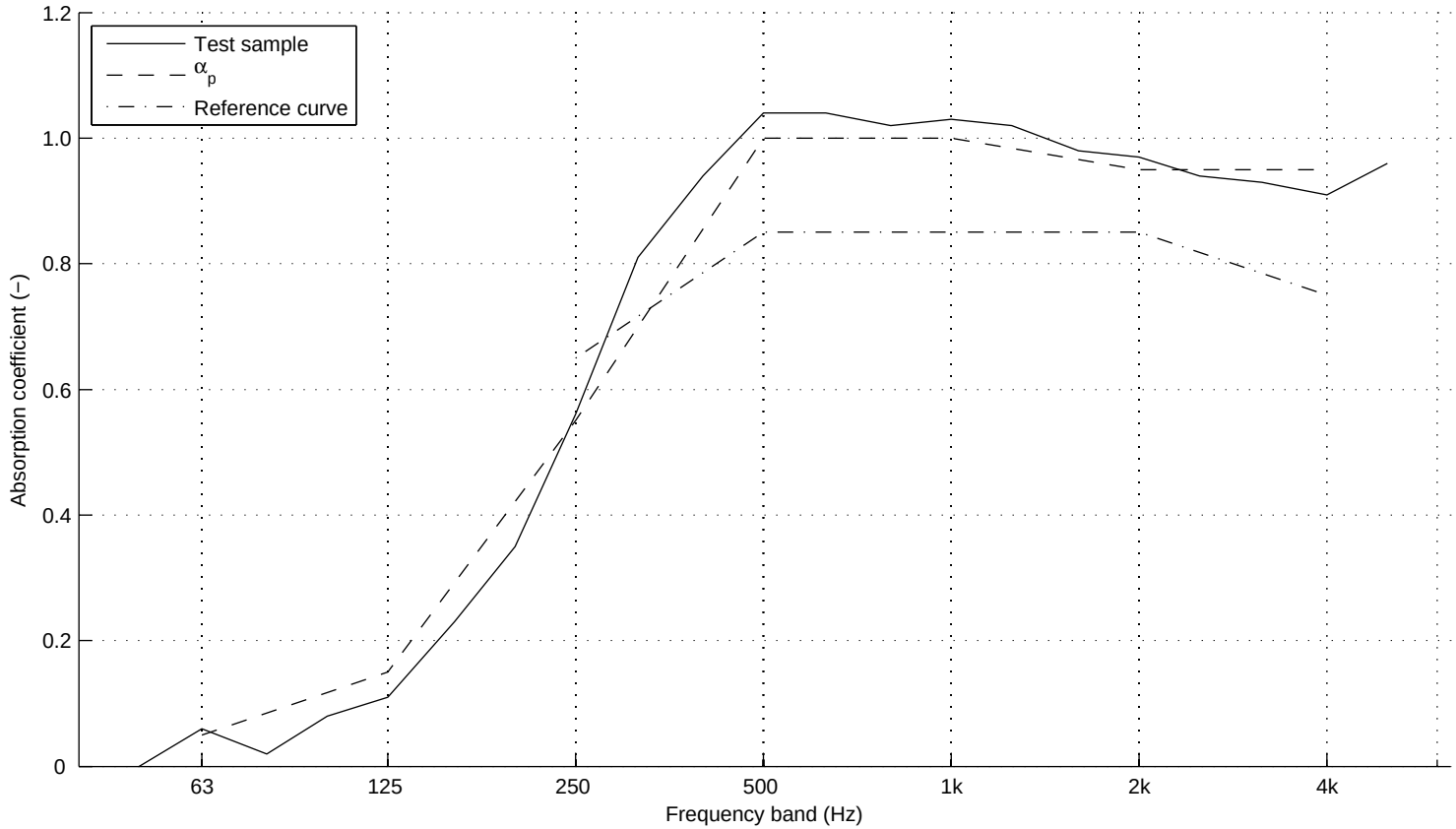
Air humidity: 79 % (empty: 74.6 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Size of specimen: 10.31 m²

Measurement date: 2013−06−20

Measured by: Pontus Thorsson



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Scrunch med fyllning (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 14−41−M23

Date 2014−06−04

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.00	
63	0.06	0.1
80	0.11	
100	0.16	
125	0.26	0.3
160	0.58	
200	0.75	
250	1.13	1.2
315	1.68	
400	2.02	
500	2.16	2.2
630	2.31	
800	2.17	
1000	2.20	2.2
1250	2.26	
1600	2.27	
2000	2.25	2.2
2500	2.13	
3150	2.06	
4000	2.00	2.0
5000	2.06	

Client: Offect

Manufacturer: Offect

Product identification: Soundwave Scrunch med fyllning

Description of test specimen: Soundwave Scrunch med fyllning placerad på golvet. Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³

Temperature: 15.5 °C (empty: 15.2 °C)

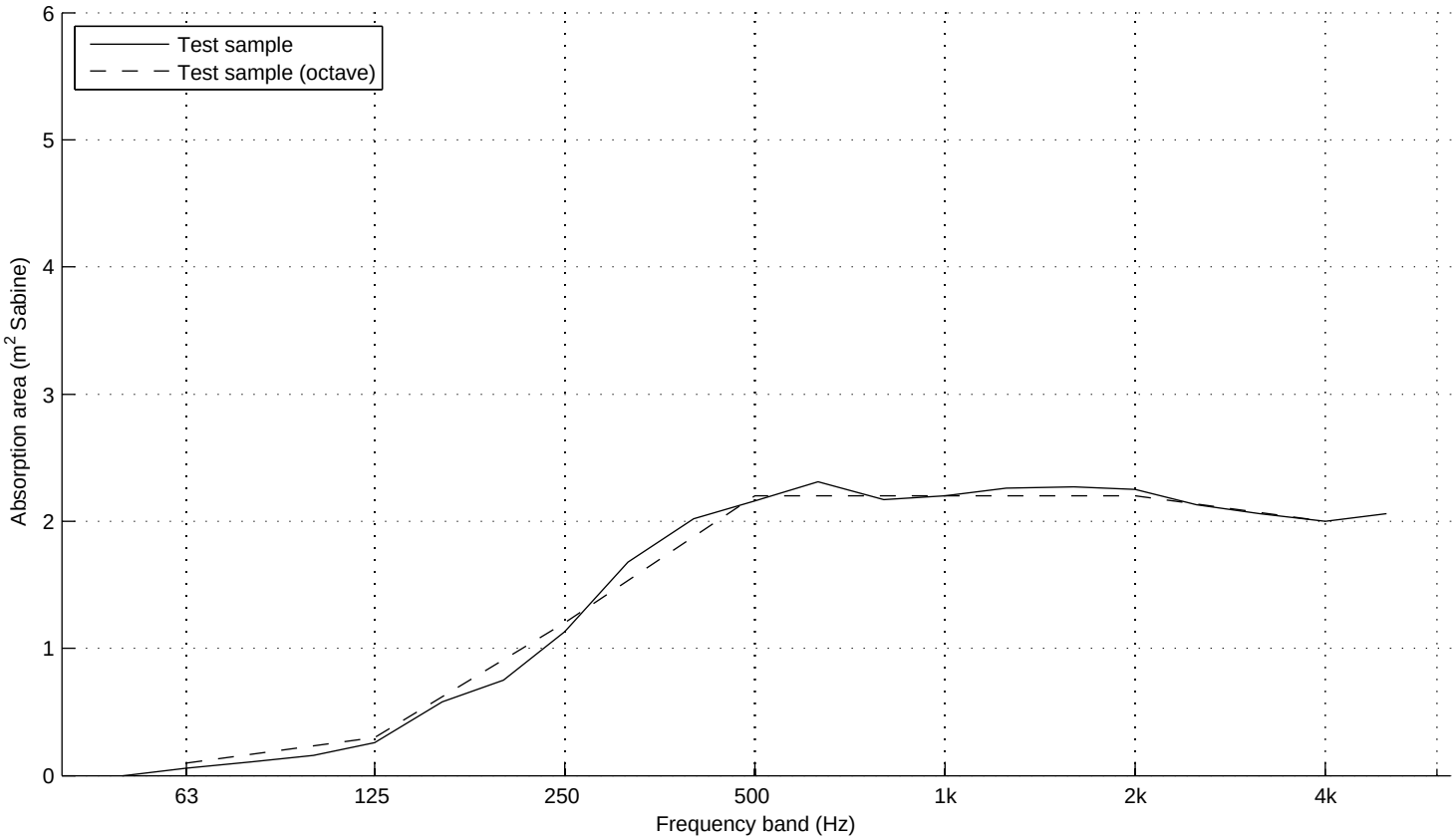
Air humidity: 78.9 % (empty: 77 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 2

Measurement date: 2013−06−20

Measured by: Pontus Thorsson



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Scrunch (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 14−41−M24

Date 2014−06−04

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.00	
63	0.05	0.0
80	0.04	
100	0.08	
125	0.14	0.2
160	0.30	
200	0.33	
250	0.60	0.6
315	0.87	
400	1.09	
500	1.42	1.4
630	1.74	
800	1.76	
1000	1.87	1.8
1250	1.91	
1600	2.03	
2000	2.06	2.1
2500	2.07	
3150	2.01	
4000	2.02	2.1
5000	2.17	

Client: Offect

Manufacturer: Offect

Product identification: Soundwave Scrunch

Description of test specimen: Soundwave Scrunch placerad på golvet.
Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³

Temperature: 15.6 °C (empty: 15.2 °C)

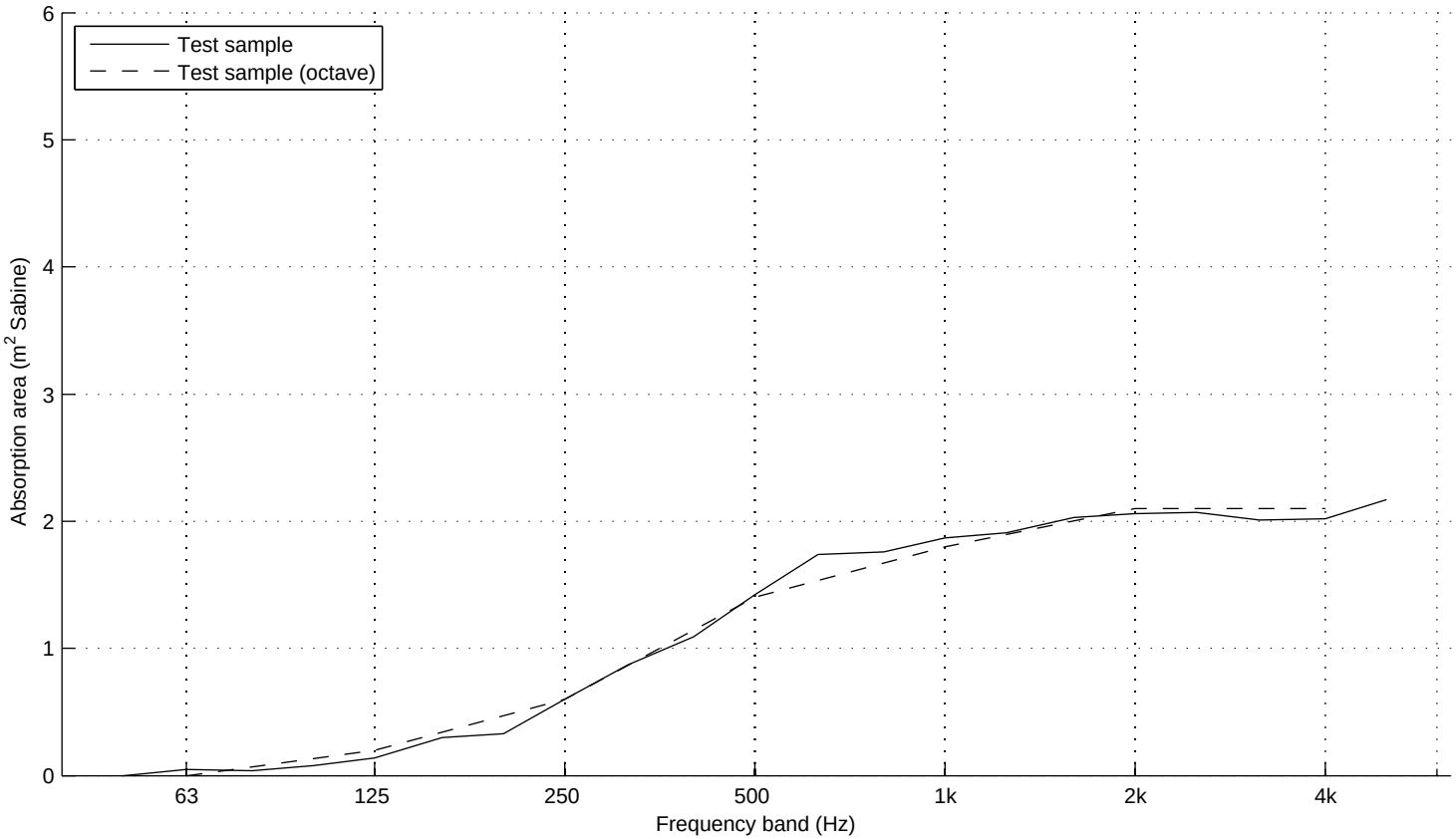
Air humidity: 79.5 % (empty: 77 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 2

Measurement date: 2013−06−20

Measured by: Pontus Thorsson



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