PRODUCT DECLARATION

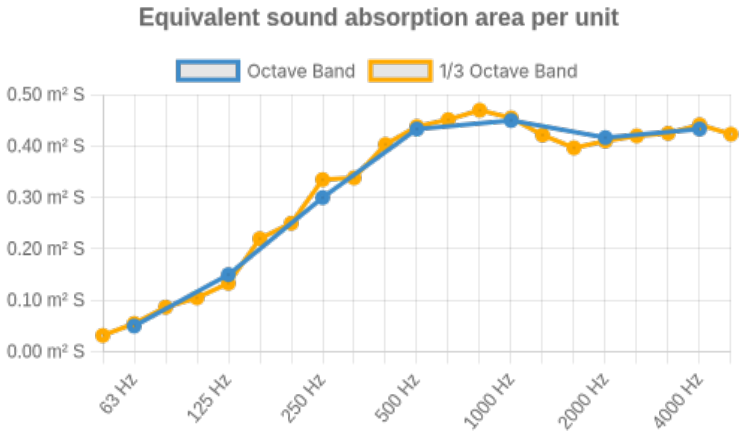
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Götessons, Akustikmiljö / Am Acoustics
Object:	Nivå
Size [mm]:	w=80 h=600 d=600

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.032	
63	0.055	0.050
80	0.087	
100	0.105	
125	0.133	0.150
160	0.220	
200	0.250	
250	0.335	0.300
315	0.338	
400	0.403	
500	0.438	0.433
630	0.452	
800	0.470	
1000	0.455	0.450
1250	0.422	
1600	0.397	
2000	0.410	0.417
2500	0.420	
3150	0.425	
4000	0.442	0.433
5000	0.423	



N_{10} = 24

ORIGINAL TEST REPORT	DATE OF REPORT
16-239-M2	2016-12-02

PRODUCT DECLARATION

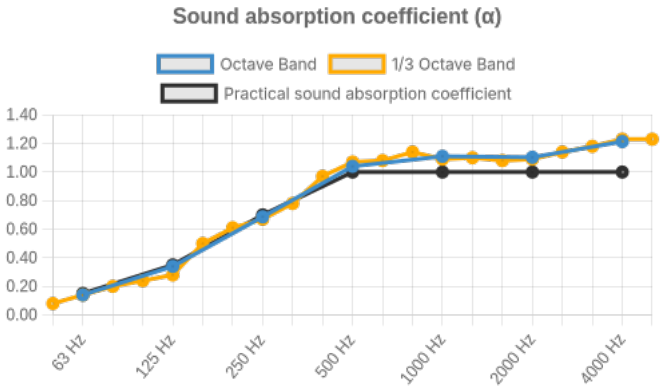
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Götessons, Akustikmiljö / Am Acoustics
Object:	Nivå
Size [mm]:	w=80 h=600 d=600

Sound absorption coefficient

f(Hz)	1/3 Octave Band (α_s)	Octave Band (α)	Practical sound absorption coefficient (α_p)
50	0.08		
63	0.14	0.14	0.15
80	0.20		
100	0.24		
125	0.28	0.34	0.35
160	0.50		
200	0.61		
250	0.67	0.69	0.70
315	0.78		
400	0.97		
500	1.07	1.04	1.00
630	1.08		
800	1.14		
1000	1.09	1.11	1.00
1250	1.10		
1600	1.08		
2000	1.09	1.10	1.00
2500	1.14		
3150	1.18		
4000	1.23	1.21	1.00
5000	1.23		



$\alpha_w = 1$

ORIGINAL TEST REPORT	DATE OF REPORT
16-239-M1	2016-12-02