PRODUCT DECLARATION

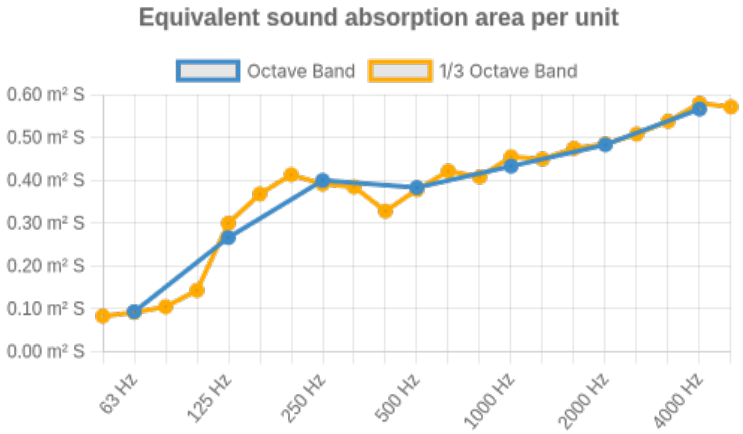
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Spiegel Panel
Size [mm]:	w=595 h=473 d=595

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.083	
63	0.092	0.093
80	0.105	
100	0.143	
125	0.300	0.267
160	0.368	
200	0.413	
250	0.392	0.400
315	0.385	
400	0.328	
500	0.378	0.383
630	0.422	
800	0.408	
1000	0.455	0.433
1250	0.450	
1600	0.475	
2000	0.485	0.483
2500	0.508	
3150	0.538	
4000	0.580	0.567
5000	0.572	



N_{10} = 27

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

Acoustic Facts Scandinavia AB
Kinnegatan 23, 531 33 Lidköping

PRODUCT DECLARATION

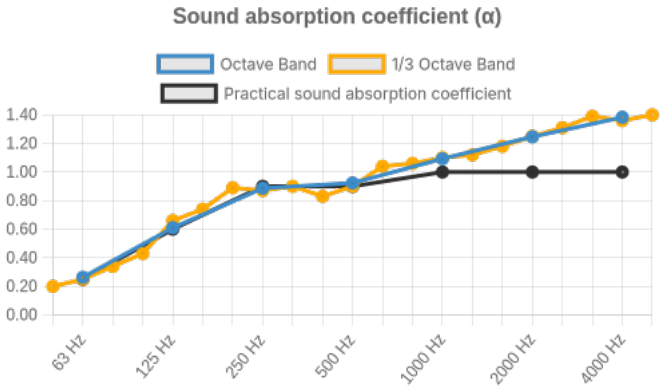
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Spiegel Panel
Size [mm]:	w=595 h=473 d=595

Sound absorption coefficient

f(Hz)	1/3 Octave Band (α_s)	Octave Band (α)	Practical sound absorption coefficient (α_p)
50	0.20		
63	0.25	0.26	0.25
80	0.34		
100	0.43		
125	0.66	0.61	0.60
160	0.74		
200	0.89		
250	0.87	0.89	0.90
315	0.90		
400	0.83		
500	0.90	0.92	0.90
630	1.04		
800	1.06		
1000	1.10	1.09	1.00
1250	1.12		
1600	1.18		
2000	1.25	1.25	1.00
2500	1.31		
3150	1.39		
4000	1.36	1.38	1.00
5000	1.40		



$\alpha_w = 1$

ORIGINAL TEST REPORT	DATE OF REPORT
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