PRODUCT DECLARATION

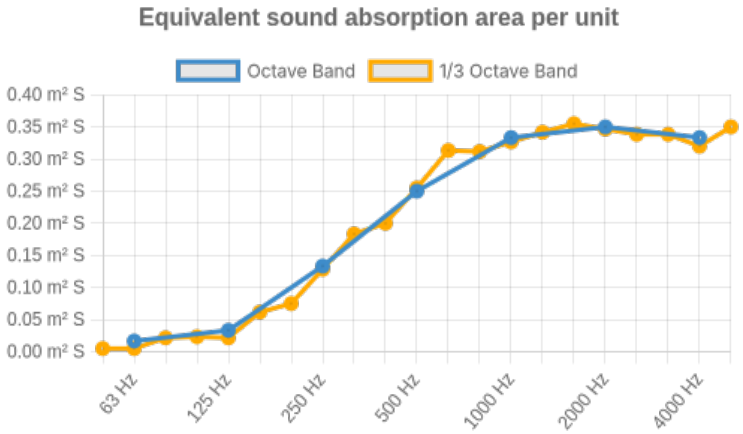
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Swell
Size [mm]:	w=90 h=585 d=585

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.005	
63	0.005	0.017
80	0.022	
100	0.023	
125	0.022	0.033
160	0.062	
200	0.075	
250	0.128	0.133
315	0.183	
400	0.200	
500	0.255	0.250
630	0.313	
800	0.312	
1000	0.327	0.333
1250	0.342	
1600	0.355	
2000	0.347	0.350
2500	0.338	
3150	0.338	
4000	0.320	0.333
5000	0.350	



N_{10} = 39

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

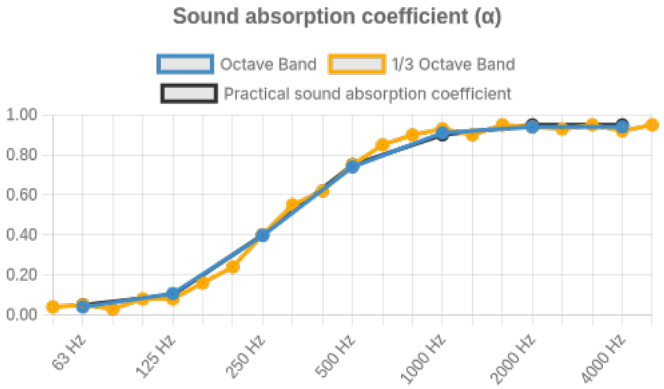
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Swell
Size [mm]:	w=90 h=585 d=585

Sound absorption coefficient

f(Hz)	1/3 Octave Band (α_s)	Octave Band (α)	Practical sound absorption coefficient (α_p)
50	0.04		
63	0.05	0.04	0.05
80	0.03		
100	0.08		
125	0.08	0.11	0.10
160	0.16		
200	0.24		
250	0.40	0.40	0.40
315	0.55		
400	0.62		
500	0.75	0.74	0.75
630	0.85		
800	0.90		
1000	0.93	0.91	0.90
1250	0.90		
1600	0.95		
2000	0.94	0.94	0.95
2500	0.93		
3150	0.95		
4000	0.92	0.94	0.95
5000	0.95		



ORIGINAL TEST REPORT	DATE OF REPORT
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