PRODUCT DECLARATION

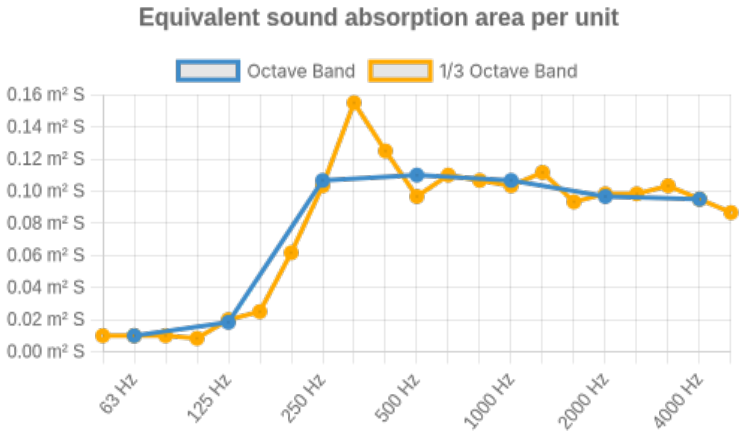
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Jasmine
Size [mm]:	w=73 h=508 d=585

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.010	
63	0.010	0.010
80	0.010	
100	0.008	
125	0.020	0.018
160	0.025	
200	0.062	
250	0.103	0.107
315	0.155	
400	0.125	
500	0.097	0.110
630	0.110	
800	0.107	
1000	0.103	0.107
1250	0.112	
1600	0.093	
2000	0.098	0.097
2500	0.098	
3150	0.103	
4000	0.095	0.095
5000	0.087	



N_{10} = 110

ORIGINAL TEST REPORT	DATE OF REPORT
20-752-M3	2020-11-27

PRODUCT DECLARATION

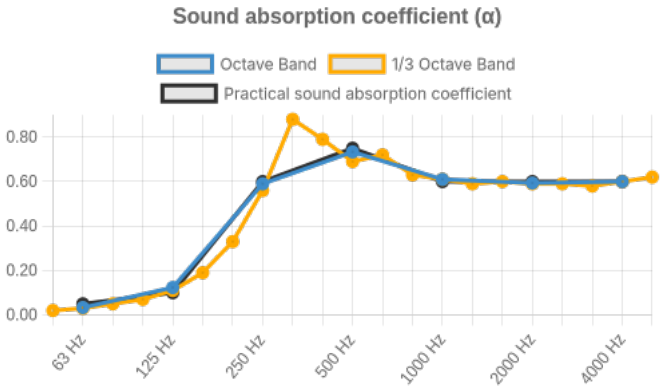
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Jasmine
Size [mm]:	w=73 h=508 d=585

Sound absorption coefficient

f(Hz)	1/3 Octave Band (α_s)	Octave Band (α)	Practical sound absorption coefficient (α_p)
50	0.02		
63	0.03	0.03	0.05
80	0.05		
100	0.07		
125	0.11	0.12	0.10
160	0.19		
200	0.33		
250	0.56	0.59	0.60
315	0.88		
400	0.79		
500	0.69	0.73	0.75
630	0.72		
800	0.63		
1000	0.61	0.61	0.60
1250	0.59		
1600	0.60		
2000	0.59	0.59	0.60
2500	0.59		
3150	0.58		
4000	0.60	0.60	0.60
5000	0.62		



α_w = 0.65 NRC = 0.65 SAA = 0.65

ORIGINAL TEST REPORT	DATE OF REPORT
20-752-M1	2020-11-27

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