PRODUCT DECLARATION

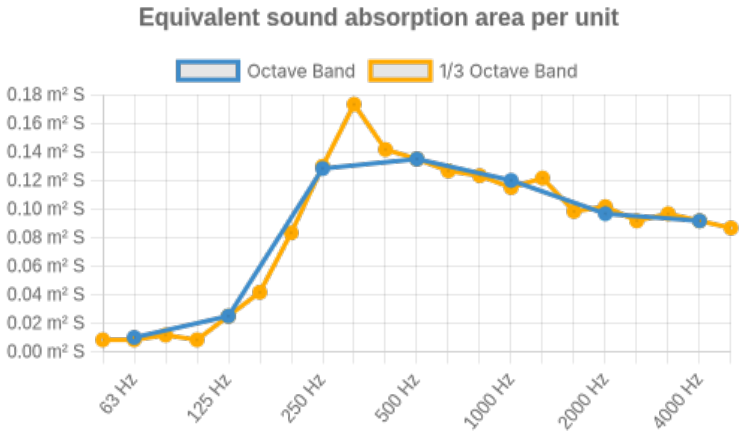
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Jasmine BF
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	0.0083	
63	0.0083	0.0100
80	0.0117	
100	0.0083	
125	0.0250	0.0250
160	0.0417	
200	0.0833	
250	0.1300	0.1283
315	0.1733	
400	0.1417	
500	0.1350	0.1350
630	0.1267	
800	0.1233	
1000	0.1150	0.1200
1250	0.1217	
1600	0.0983	
2000	0.1017	0.0967
2500	0.0917	
3150	0.0967	
4000	0.0917	0.0917
5000	0.0867	



N_{10} = 110

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

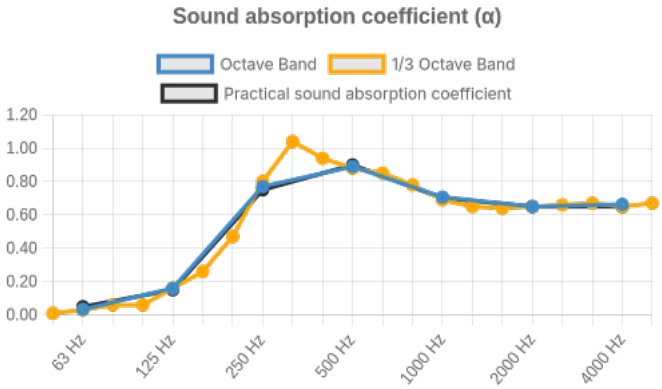
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Jasmine BF
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	0.01		
63	0.03	0.03	0.05
80	0.06		
100	0.06		
125	0.16	0.16	0.15
160	0.26		
200	0.47		
250	0.80	0.77	0.75
315	1.04		
400	0.94		
500	0.88	0.89	0.90
630	0.85		
800	0.78		
1000	0.69	0.71	0.70
1250	0.65		
1600	0.64		
2000	0.65	0.65	0.65
2500	0.66		
3150	0.67		
4000	0.65	0.66	0.65
5000	0.67		



α_w = 0.7 NRC = 0.75 SAA = 0.74

ORIGINAL TEST REPORT	DATE OF REPORT
-	-