PRODUCT DECLARATION

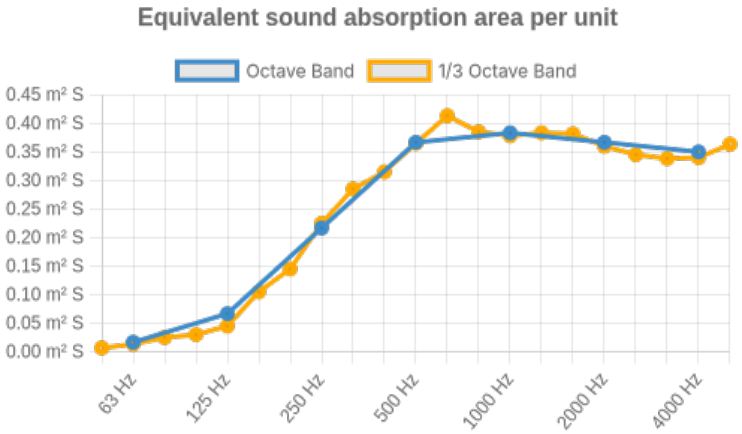
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Swell BF
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	0.007	
63	0.013	0.017
80	0.025	
100	0.030	
125	0.045	0.067
160	0.105	
200	0.145	
250	0.225	0.217
315	0.285	
400	0.315	
500	0.365	0.367
630	0.413	
800	0.385	
1000	0.378	0.383
1250	0.383	
1600	0.382	
2000	0.360	0.367
2500	0.345	
3150	0.338	
4000	0.340	0.350
5000	0.363	



N_{10} = 29

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

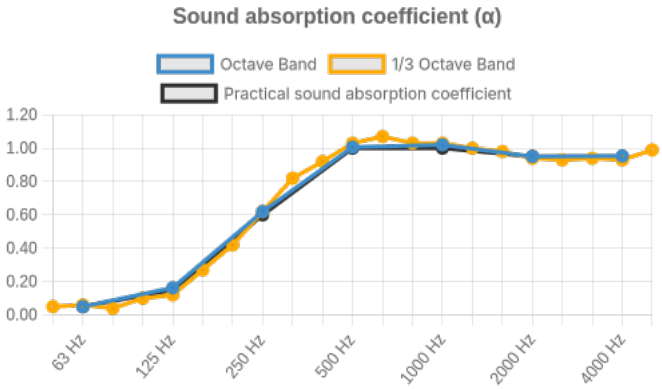
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Swell BF
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	0.05		
63	0.06	0.05	0.05
80	0.04		
100	0.10		
125	0.12	0.16	0.15
160	0.27		
200	0.42		
250	0.62	0.62	0.60
315	0.82		
400	0.92		
500	1.03	1.01	1.00
630	1.07		
800	1.03		
1000	1.03	1.02	1.00
1250	1.00		
1600	0.98		
2000	0.94	0.95	0.95
2500	0.93		
3150	0.94		
4000	0.93	0.95	0.95
5000	0.99		



ORIGINAL TEST REPORT	DATE OF REPORT
-	-