PRODUCT DECLARATION

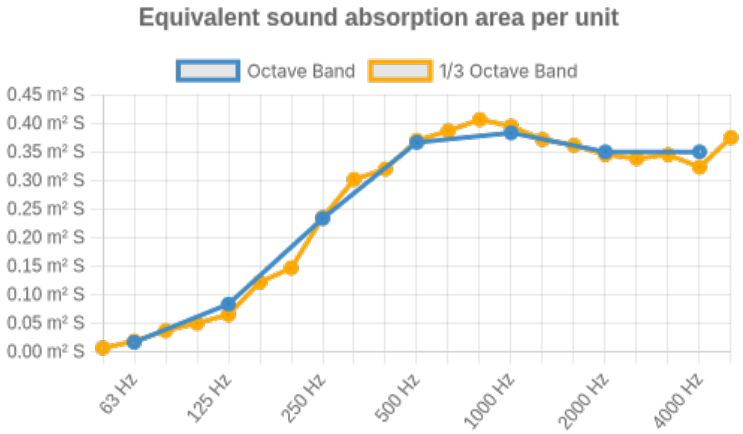
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Botanic BF
Size [mm]:	w=62 h=585 d=585

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.007	
63	0.018	0.017
80	0.037	
100	0.050	
125	0.065	0.083
160	0.122	
200	0.147	
250	0.235	0.233
315	0.302	
400	0.320	
500	0.370	0.367
630	0.387	
800	0.407	
1000	0.395	0.383
1250	0.372	
1600	0.362	
2000	0.345	0.350
2500	0.338	
3150	0.345	
4000	0.323	0.350
5000	0.375	



N_{10} = 29

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

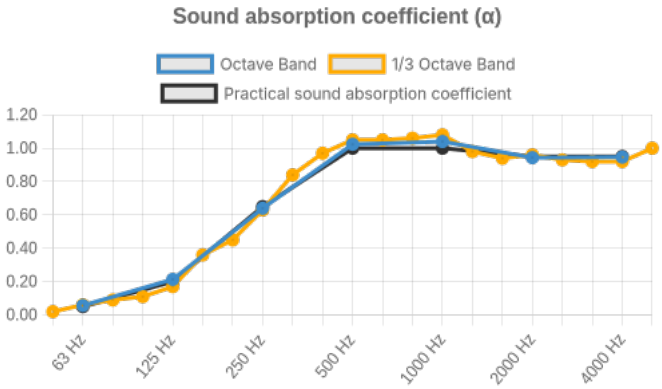
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Botanic BF
Size [mm]:	w=62 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	0.02		
63	0.06	0.06	0.05
80	0.09		
100	0.11		
125	0.17	0.21	0.20
160	0.36		
200	0.45		
250	0.63	0.64	0.65
315	0.84		
400	0.97		
500	1.05	1.02	1.00
630	1.05		
800	1.06		
1000	1.08	1.04	1.00
1250	0.98		
1600	0.94		
2000	0.96	0.94	0.95
2500	0.93		
3150	0.92		
4000	0.92	0.95	0.95
5000	1.00		



α_w = 0.95

ORIGINAL TEST REPORT	DATE OF REPORT
-	-