PRODUCT DECLARATION

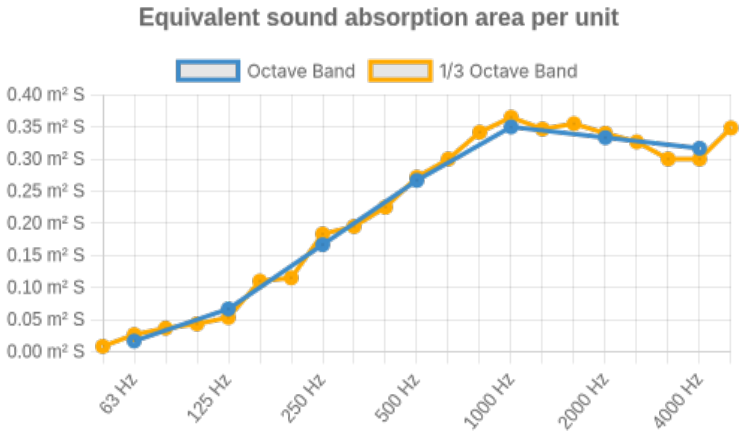
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Botanic
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	0.008	
63	0.027	0.017
80	0.037	
100	0.043	
125	0.053	0.067
160	0.110	
200	0.115	
250	0.183	0.167
315	0.195	
400	0.225	
500	0.272	0.267
630	0.300	
800	0.342	
1000	0.365	0.350
1250	0.347	
1600	0.355	
2000	0.340	0.333
2500	0.327	
3150	0.300	
4000	0.300	0.317
5000	0.348	



N_{10} = 38

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

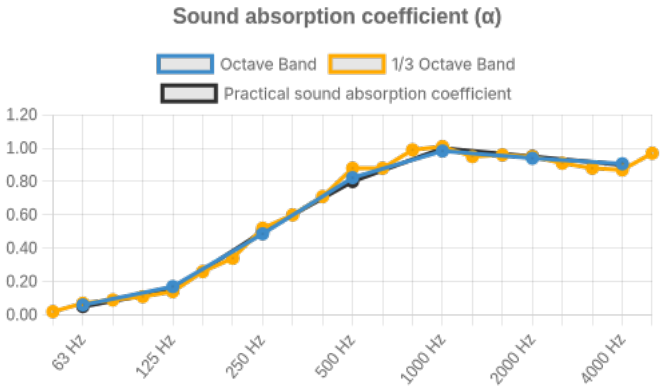
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Botanic
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	0.07	0.06	0.05
80	0.09		
100	0.11		
125	0.14	0.17	0.15
160	0.26		
200	0.34		
250	0.52	0.49	0.50
315	0.60		
400	0.71		
500	0.88	0.82	0.80
630	0.88		
800	0.99		
1000	1.01	0.98	1.00
1250	0.95		
1600	0.96		
2000	0.95	0.94	0.95
2500	0.91		
3150	0.88		
4000	0.87	0.91	0.90
5000	0.97		



α_w = 0.8

ORIGINAL TEST REPORT	DATE OF REPORT
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