



## PRODUCT DECLARATION

### SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

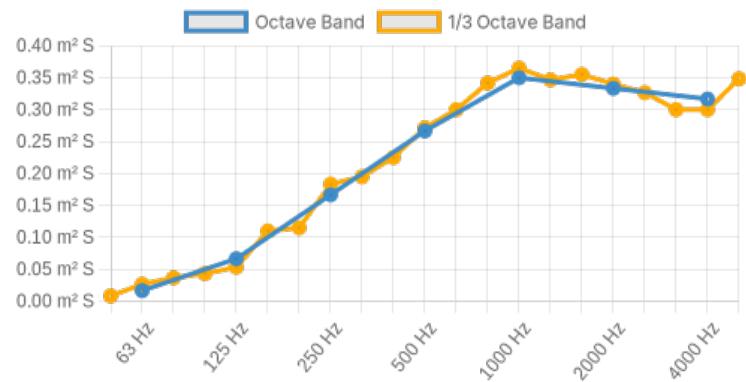
Producer:	Offecct
Object:	Soundwave® Botanic
Size [mm]:	w=62 h=585 d=585

**Equivalent sound absorption area per unit  
(m<sup>2</sup> Sabine)**

f(Hz)	1/3 Octave Band	Octave Band
50	0.01	
63	0.03	0.02
80	0.04	
100	0.04	
125	0.05	0.07
160	0.11	
200	0.11	
250	0.18	0.17
315	0.19	
400	0.23	
500	0.27	0.27
630	0.30	
800	0.34	
1000	0.36	0.35
1250	0.35	
1600	0.35	
2000	0.34	0.33
2500	0.33	
3150	0.30	
4000	0.30	0.32
5000	0.35	

N<sub>10</sub> = 38

**Equivalent sound absorption area per unit**



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

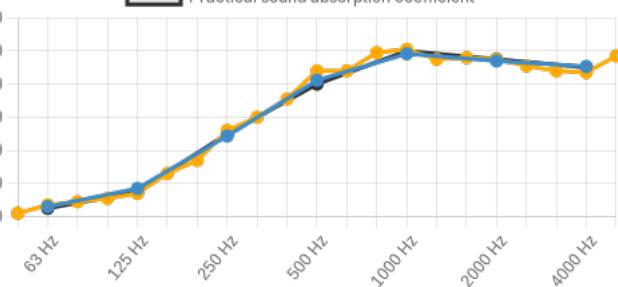
#### Sound absorption coefficient

f(Hz)	1/3 Octave Band ( $\alpha_s$ )	Octave Band ( $\alpha$ )	Practical sound absorption coefficient ( $\alpha_p$ )
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		

$\alpha_w = 0.8$

Sound absorption coefficient ( $\alpha$ )

Octave Band    1/3 Octave Band  
Practical sound absorption coefficient



ORIGINAL TEST REPORT

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