PRODUCT DECLARATION

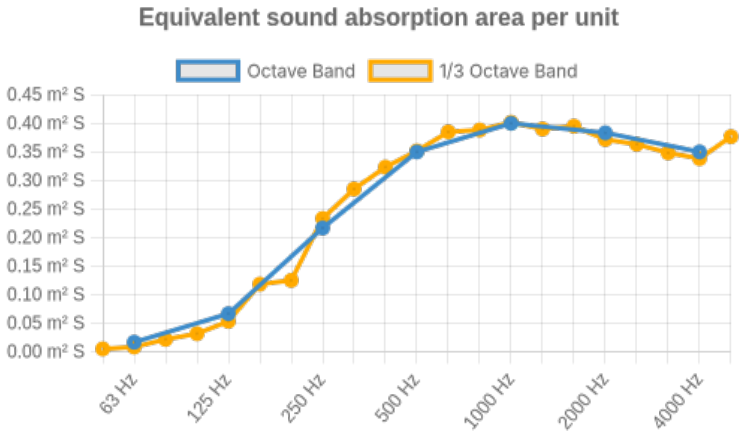
SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

Producer:	Offecct
Object:	Soundwave® Geo BF
Size [mm]:	w=60 h=585 d=585

Equivalent sound absorption area per unit (m² Sabine)

f(Hz)	1/3 Octave Band	Octave Band
50	0.005	
63	0.008	0.017
80	0.022	
100	0.032	
125	0.053	0.067
160	0.118	
200	0.125	
250	0.233	0.217
315	0.285	
400	0.323	
500	0.352	0.350
630	0.385	
800	0.388	
1000	0.402	0.400
1250	0.390	
1600	0.395	
2000	0.372	0.383
2500	0.363	
3150	0.348	
4000	0.338	0.350
5000	0.377	



N_{10} = 28

ORIGINAL TEST REPORT	DATE OF REPORT
-	-

PRODUCT DECLARATION

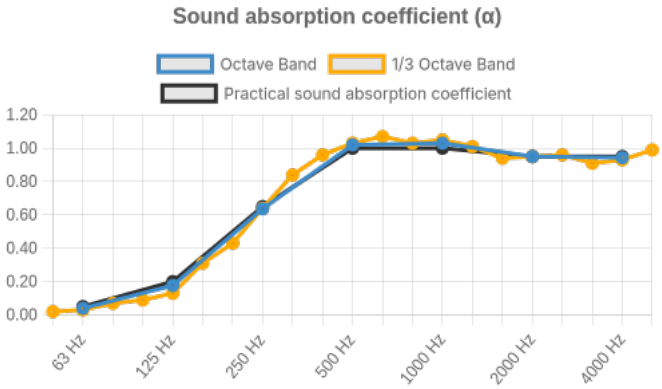
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

Producer:	Offecct
Object:	Soundwave® Geo BF
Size [mm]:	w=60 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	0.03	0.04	0.05
80	0.07		
100	0.09		
125	0.13	0.18	0.20
160	0.31		
200	0.43		
250	0.64	0.64	0.65
315	0.84		
400	0.96		
500	1.03	1.02	1.00
630	1.07		
800	1.03		
1000	1.05	1.03	1.00
1250	1.01		
1600	0.94		
2000	0.95	0.95	0.95
2500	0.96		
3150	0.91		
4000	0.93	0.94	0.95
5000	0.99		



ORIGINAL TEST REPORT	DATE OF REPORT
-	-