

SOUND ABSORPTION MEASUREMENTS according to EN 20354

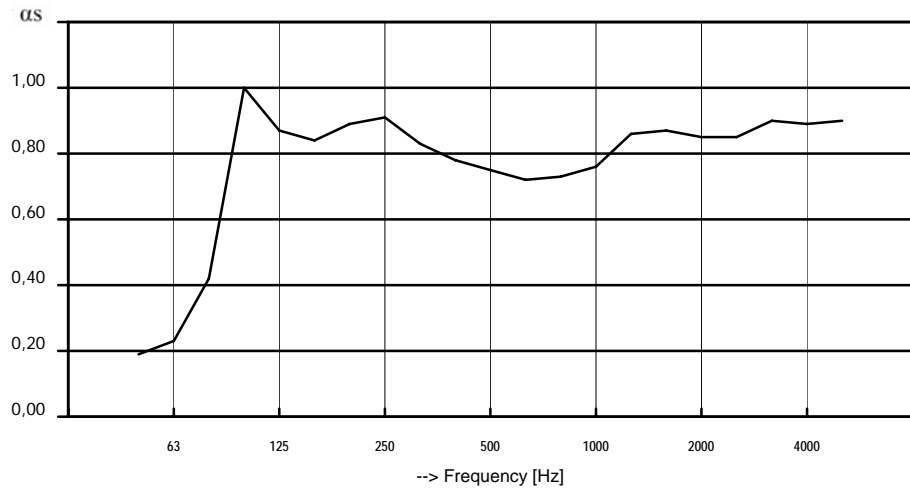
Client : Asona Benelux B.V.
 Project number : 008.04956
 Company : Asona
 Description : Sonacoustic 25 mm on 125 mm cavity

Product : Sonacoustic 25 mm
 Tested in : Rev. chamber TNO TPD

Surface : 12,0 m²
 Temperature : 23,0 °C
 Relative humidity : 56%

Volume : 200 m³
 Two speaker position
 Noise signal

Freq. Hz	α_s 1/3 oct dB	α_p 1/1 oct dB
50	0,19	
63	0,23	0,30
80	0,42	
100	1,00	
125	0,87	0,90
160	0,84	
200	0,89	
250	0,91	0,85
315	0,83	
400	0,78	
500	0,75	0,75
630	0,72	
800	0,73	
1000	0,76	0,80
1250	0,86	
1600	0,87	
2000	0,85	0,85
2500	0,85	
3150	0,90	
4000	0,89	0,90
5000	0,90	



Weighted sound absorption coefficient (EN-ISO 11654)

$\alpha_w = 0,80$ (L); class B