

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

Measurement of sound absorption in a reverberation room, α_s

Date of test: **23.10.2018**

Client: BİÇER PROJE

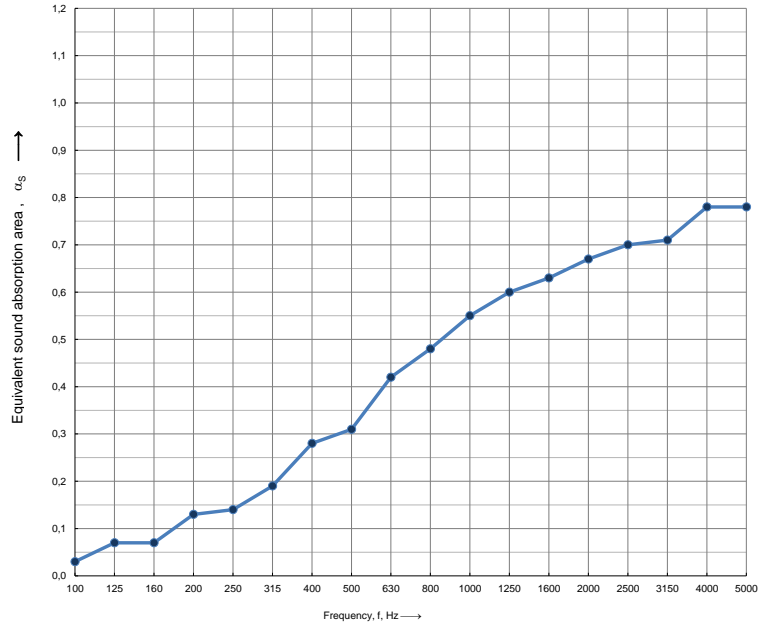
Object: İZOBOZZ 15 MM KEÇE

Test Object Surface Area, S: 10,0 m²

Room Volume, V : 166,7 m³

Total Room Surface Area, S_t: 189,0 m²

Frequency f [Hz]	α_s 1/3 Octave	α_p 1/1 Octave
100	0,03	0,05
125	0,07	
160	0,07	
200	0,13	0,15
250	0,14	
315	0,19	
400	0,28	0,35
500	0,31	
630	0,42	
800	0,48	0,55
1000	0,55	
1250	0,60	
1600	0,63	0,65
2000	0,67	
2500	0,70	
3150	0,71	0,75
4000	0,78	
5000	0,78	



Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient, α_w = 0,40 (H)
Sound Absorption Class : D

Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,45
Sound Absorption Average, SAA = 0,43

Name of test institute: NURUS AR-GE ACOUSTIC LAB

Testing Technician : Fırat CEYLAN

No. of test report:

Date

23.10.2018

Signature:

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Measurement of sound absorption area in a reverberation room, A_{obj}



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