

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

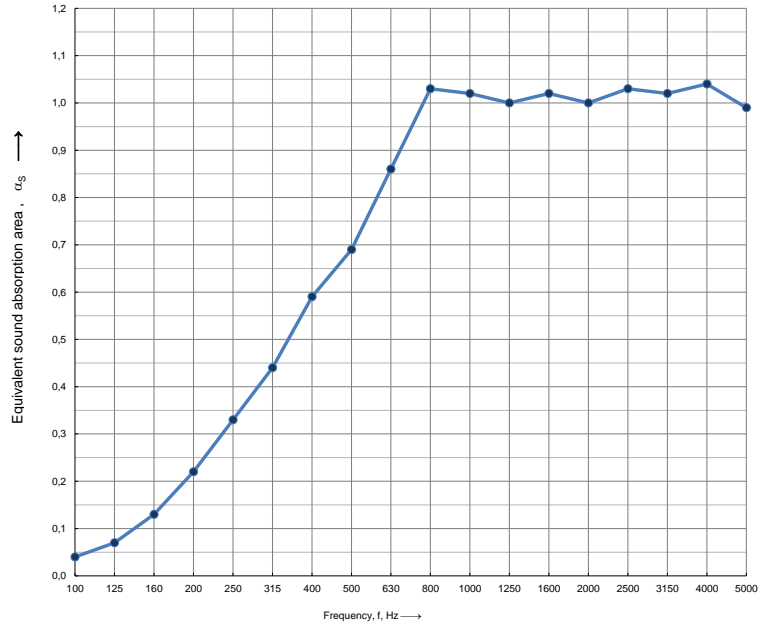
Measurement of sound absorption in a reverberation room, α_s

Date of test: **5.11.2018**

Client: NURUS
Description: FURNITURE MEASUREMENT
Object: FELTBI 20 MM KEÇE(2KAT PRESLI)

Test Object Surface Area, S: 10,0 m²
Room Volume, V : 166,7 m³
Total Room Surface Area, S_r: 189,0 m²

Frequency f [Hz]	α_s 1/3 Octave	α_p 1/1 Octave
100	0,04	0,1
125	0,07	
160	0,13	
200	0,22	0,35
250	0,33	
315	0,44	
400	0,59	0,7
500	0,69	
630	0,86	
800	1,03	1
1000	1,02	
1250	1,00	
1600	1,02	1
2000	1,00	
2500	1,03	
3150	1,02	1
4000	1,04	
5000	0,99	



Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient, α_w = 0,65 (MH)
Sound Absorption Class : C

Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,75
Sound Absorption Average, SAA = 0,77

Name of test institute: **NURUS AR-GE ACOUSTIC LAB**

Testing Technician : **Firat CEYLAN**

No. of test report:

Date

5.11.2018

Signature:

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Measurement of sound absorption area in a reverberation room,



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