

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

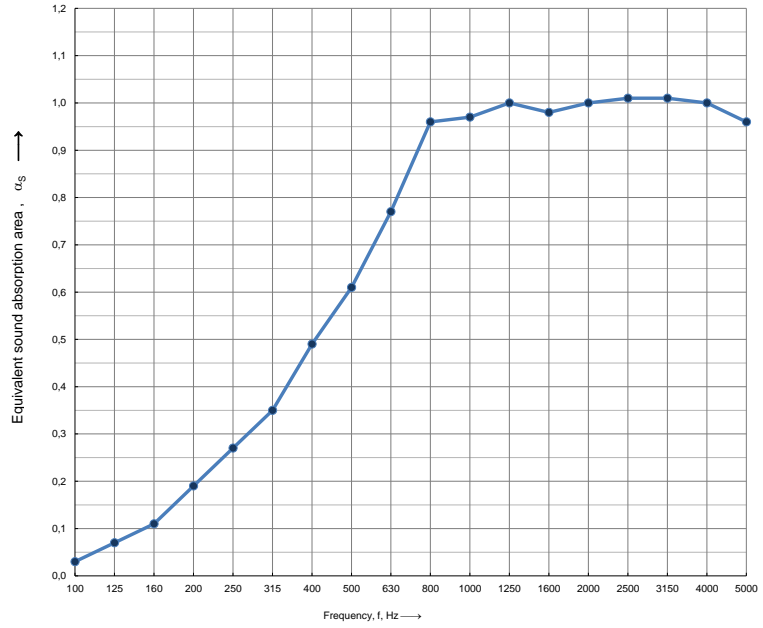
Measurement of sound absorption in a reverberation room, α_s

Date of test: 14.11.2018

Client: NURUS
Description: FURNITURE MEASUREMENT
Object: FELTBI 20 MM+3MM KEÇE

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	0,03	0,05
125	0,07	
160	0,11	
200	0,19	0,25
250	0,27	
315	0,35	
400	0,49	0,6
500	0,61	
630	0,77	
800	0,96	1
1000	0,97	
1250	1,00	
1600	0,98	1
2000	1,00	
2500	1,01	
3150	1,01	1
4000	1,00	
5000	0,96	



Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient, α_w = 0,55 (MH)
Sound Absorption Class : D

Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,7
Sound Absorption Average, SAA = 0,72

Name of test institute: NURUS AR-GE ACOUSTIC LAB

Testing Technician : Fırat CEYLAN

No. of test report:

Date

19.11.2018

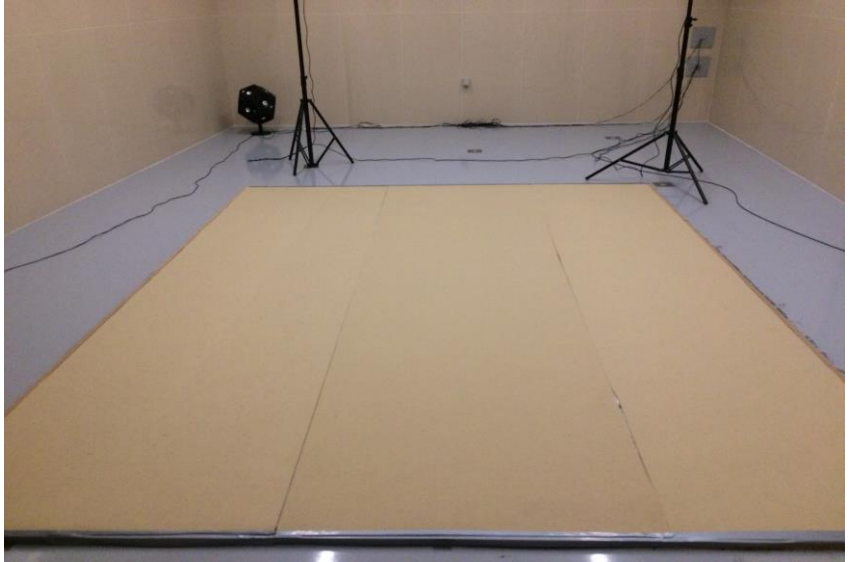
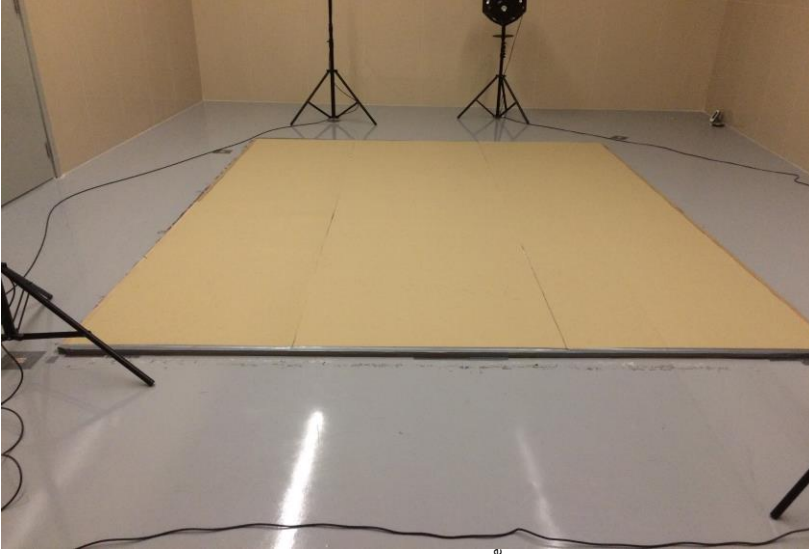
Signature:

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



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

Testing Technician : **Firat Ceylan**

No. of test report:

Date **19.11.2018**

Signature: