

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

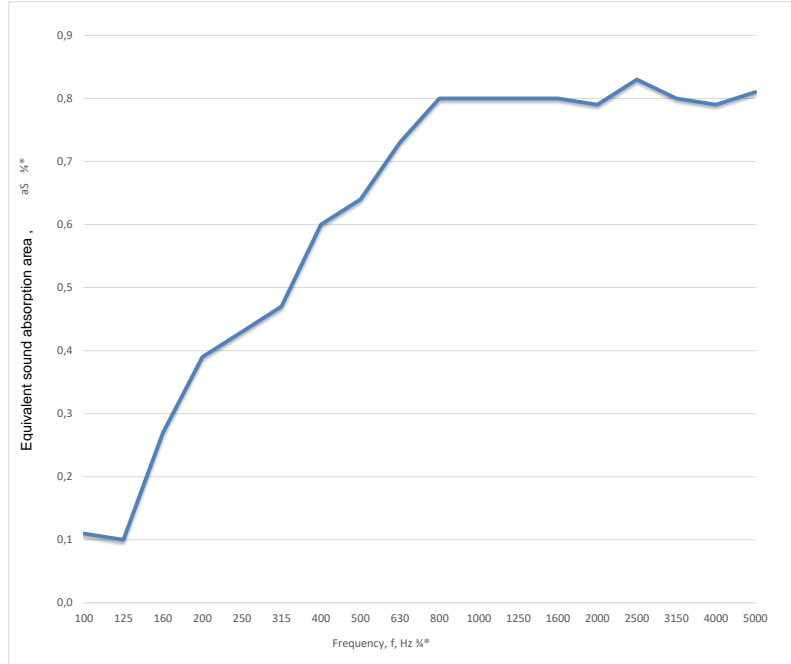
Measurement of sound absorption in a reverberation room, α_s

Date of test: 25 MARCH 2019

Client: BIÇER PROJE
Description: FURNITURE MEASUREMENT
Object: FELTBI 40 MM

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	0,11	0,15
125	0,10	
160	0,27	
200	0,39	0,45
250	0,43	
315	0,47	
400	0,60	0,65
500	0,64	
630	0,73	
800	0,80	0,8
1000	0,80	
1250	0,80	
1600	0,80	0,8
2000	0,79	
2500	0,83	
3150	0,80	0,8
4000	0,79	
5000	0,81	



Weighted Sound Absorption Coefficient According To ISO 11654		Sound Absorption Coefficient According To ASTM C423	
Weighted Sound Absorption Coefficient, α_w =	0,70	Noise Reduction Coefficient, NRC =	0,7
Sound Absorption Class :	C	Sound Absorption Average, SAA =	0,67

Name of test institute: NURUS R&D ACOUSTIC LAB

Testing Technician : Fırat CEYLAN

No. of test report:

Date

01 APRIL 2019

Signature:

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

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



Name of test institute: NURUS R&D ACOUSTIC LAB

Testing Technician : Firat Ceylan

No. of test report:

Date

01 APRIL 2019

Signature: