

Sound Absorption Coefficient According To ISO 354

Measurement of sound absorption in a reverberation room, α_s

Date of test: **22.10.2018**

Client: BİÇER PROJE

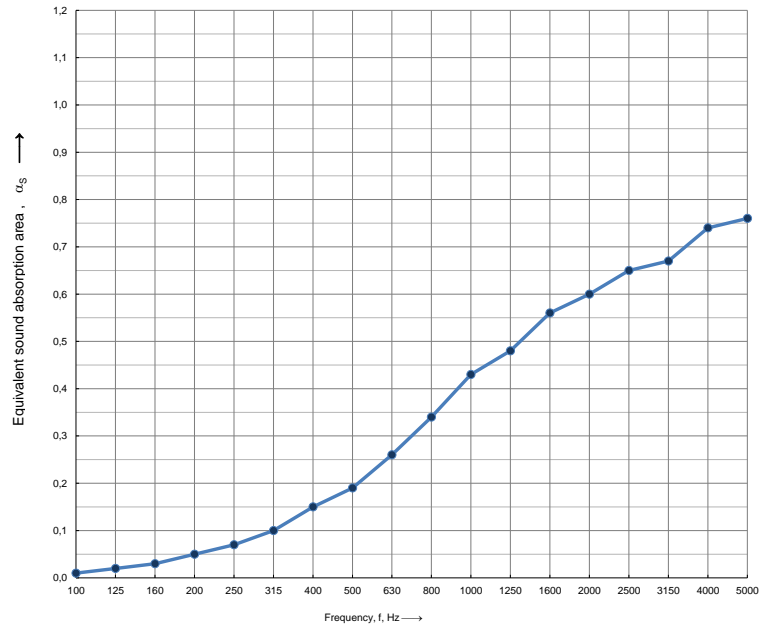
Object: FELTBİ DECOR 5 MM DECORATIVE PRINTED FELT
15.10.2018

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	0,01	0
125	0,02	
160	0,03	
200	0,05	0,05
250	0,07	
315	0,10	
400	0,15	0,2
500	0,19	
630	0,26	
800	0,34	0,4
1000	0,43	
1250	0,48	
1600	0,56	0,6
2000	0,60	
2500	0,65	
3150	0,67	0,7
4000	0,74	
5000	0,76	



Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient, $\alpha_w = 0,25$ (H)

Sound Absorption Class : E

Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,3

Sound Absorption Average, SAA = 0,32

Name of test institute: AR-GE ACOUSTIC LAB

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



Equivalent sound absorption area per object,



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