

sound absorption coefficient according to ISO 354:2003

Measurement of sound absorption in a reverberation room

Büro für Akustik & Engineering

client: CLISPO Productions S.A.S. date of test: 16.04.2014

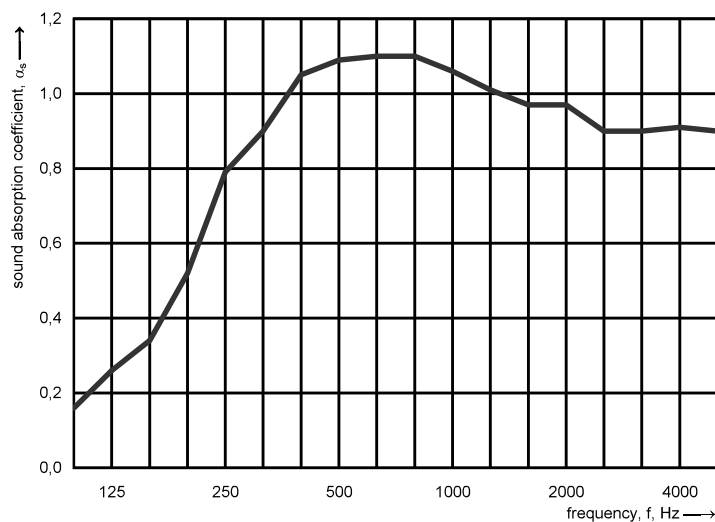
mounting: From top down:
Fabric, Co. CLIPSO, Type 495 D white, size 3500 mm x 3000 mm, test area 10.50 m², mounted on tenter frame
55 mm air space, absorbent with polyester tissue LA54, d ~ 50 mm
Aluminium frame with h = 55 mm, sealed joints between aluminium frame and floor of the reverberation room
Floor of the reverberation room

Overall construction height: 55 mm

object: Fabric, Co. CLIPSO, Type 495 D white, area density approx. 225 g/m²
with absorbent 50 mm polyester tissue, Co. Techmed, Type LA54, 1000 g/m²

surface area:	10,50 m ²	room empty:	humidity	42,0 %	room with testing material:	humidity:	41,0 %
volume of room:	204,6 m ³	temperature:	18,7 °C	temperature:	18,7 °C		
		air pressure:	103,3 kPa	air pressure:	103,3 kPa		

frequency f [Hz]	α_s
100	0,16
125	0,26
160	0,34
200	0,52
250	0,79
315	0,90
400	1,05
500	1,09
630	1,10
800	1,10
1000	1,06
1250	1,01
1600	0,97
2000	0,97
2500	0,90
3150	0,90
4000	0,91
5000	0,90



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Appendix A01

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signature

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