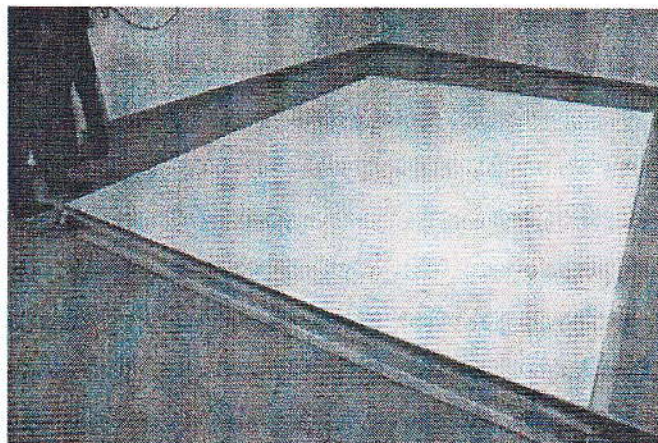


Sound absorption coefficient α_s (measured in the reverberation room)

Curtain SILENTE

Mounting distance: 150 mm



Frequency f [Hz]	α_s [-]
100	0.03
125	0.06
160	0.13
200	0.19
250	0.33
315	0.43
400	0.58
500	0.65
630	0.71
800	0.72
1000	0.65
1250	0.53
1600	0.51
2000	0.61
2500	0.60
3150	0.57
4000	0.59
5000	0.61
6300	0.61
8000	0.62

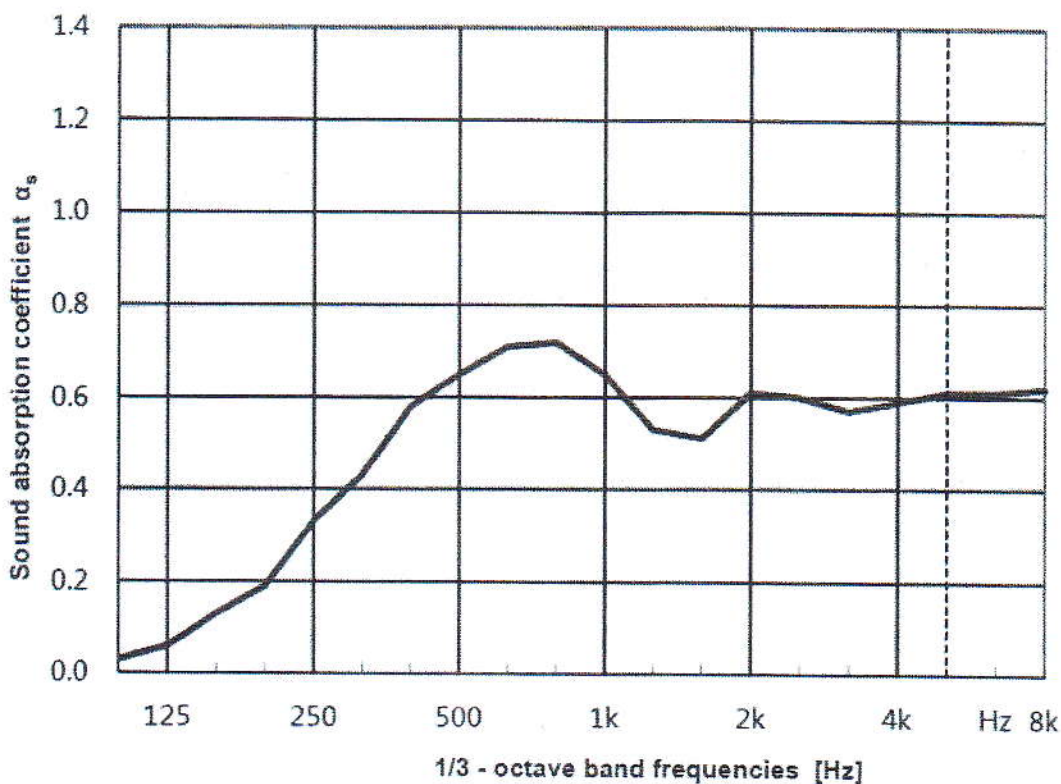
Test

Reverberation room Empa, Volume V: 215 m³

Date: 25.03.2013

Temperature: 21°C, relative humidity: 60 %

Sample size: 3000 x 4000 mm Area S: 12.0 m²



Evaluation according to EN ISO 11'654 (1997): α_w : **0.55**
 α_p : 250 Hz: 0.30 500 Hz: 0.65 1000Hz: 0.65 2000Hz: 0.55 4000Hz: 0.60

Method of measurement: EN ISO 354 (2003)

MLS-based measurement; 1/3 octave band filters, T20 based upon the integrated impulse response



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Test Report
1072.4



STS 068



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