

Test 1 **Fellert Ultra Acoustical Plaster on 1 1/2" Fiberglass Board and 1/2" GWB**

Sound Absorption Test Data per ASTM C423-07A Type A

Noise Reduction Coefficient (NRC) _____ 0.75
Sound Absorption Average (SAA) _____ 0.77

Test report number **08-80-R19**

Test date **November 21, 2008**

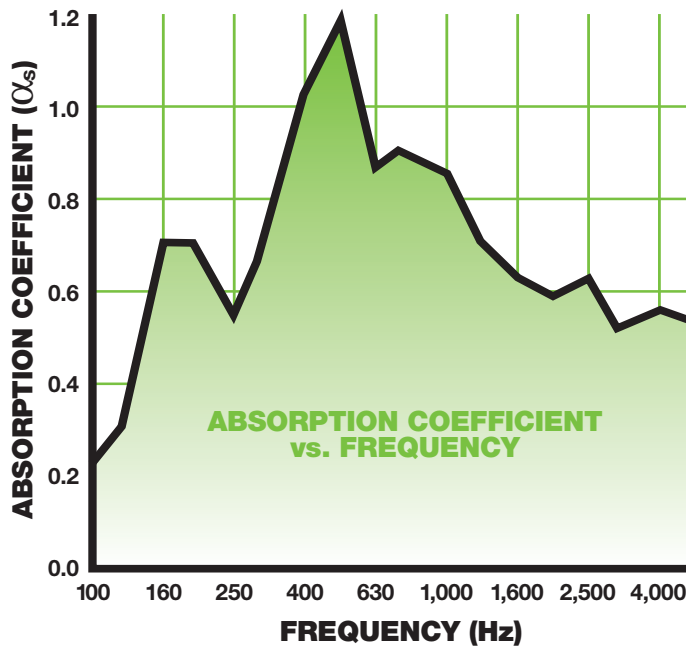
Room size **6.720 m²**

Reverberation room volume **200 m³**

Object Surface **8.8 m²**

Temperature (°C) **16.0**

Relative Humidity (%) **63**



Frequency (Hz)	Absorption Coefficients α_s
100	0.22
125	0.32
160	0.70
200	0.69
250	0.55
315	0.66
400	1.03
500	1.20
630	0.86
800	0.90
1,000	0.85
1,250	0.71
1,600	0.62
2,000	0.59
2,500	0.62
3,150	0.54
4,000	0.57
5,000	0.55



LABORATORY CERTIFICATION

The results reported above apply to specific samples submitted for measurement. No responsibility is assumed for performance of any other specimen. The laboratory's accreditation or any of its test reports in no way constitutes or implies product certification, approval or endorsement by Akustikverkstan.

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Test 2 **Fellert Ultra Acoustical Plaster on 1" Fiberglass Board and 1/2" GWB**

Sound Absorption Test Data per ASTM C423-07A Type A

Noise Reduction Coefficient (NRC) _____ 0.65
Sound Absorption Average (SAA) _____ 0.66

Test report number **08-80-R18**

Test date **November 21, 2008**

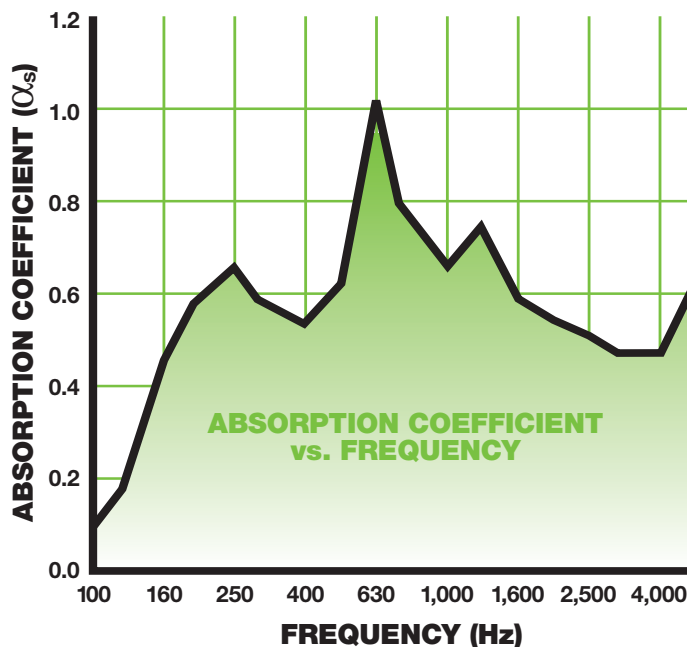
Room size **6.720 m²**

Reverberation room volume **200 m³**

Object Surface **8.8 m²**

Temperature (°C) **16.0**

Relative Humidity (%) **63**



Frequency (Hz)	Absorption Coefficients α_s
100	0.09
125	0.17
160	0.45
200	0.59
250	0.65
315	0.59
400	0.54
500	0.63
630	1.02
800	0.79
1,000	0.67
1,250	0.73
1,600	0.59
2,000	0.55
2,500	0.51
3,150	0.46
4,000	0.46
5,000	0.52



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Test 3 **Fellert Ultra Acoustical Plaster on 1" Fiberglass Board with Air Gap Behind**

Sound Absorption Test Data per ASTM C423-07A Type E-400

Noise Reduction Coefficient (NRC) _____ 0.60
Sound Absorption Average (SAA) _____ 0.58

Test report number **08-80-R20**

Test date **November 21, 2008**

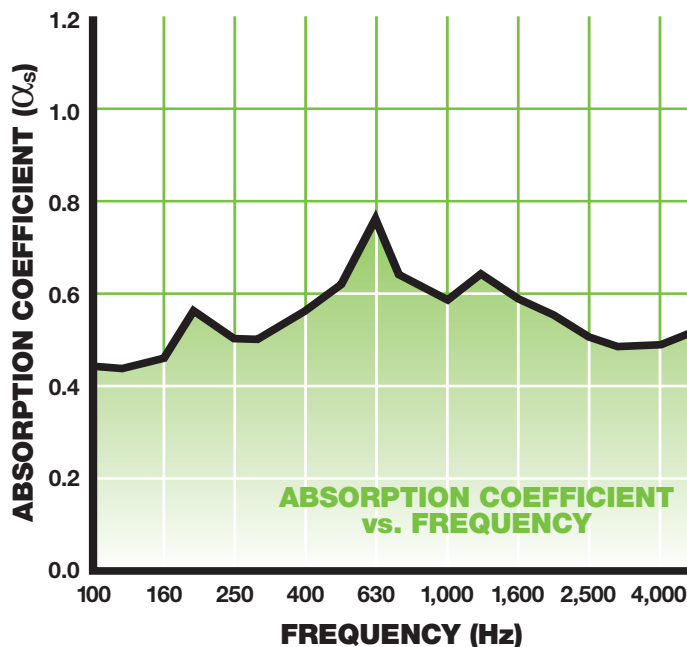
Room size **6.720 m²**

Reverberation room volume **200 m³**

Object Surface **8.8 m²**

Temperature (°C) **16.0**

Relative Humidity (%) **63**



Frequency (Hz)	Absorption Coefficients α _s
100	0.44
125	0.41
160	0.61
200	0.55
250	0.51
315	0.51
400	0.55
500	0.61
630	0.77
800	0.63
1,000	0.59
1,250	0.63
1,600	0.59
2,000	0.54
2,500	0.52
3,150	0.47
4,000	0.48
5,000	0.52



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Test 4 **Fellert Ultra Acoustical Plaster on 1/2" GWB**

Sound Absorption Test Data per ASTM C423-07A Type A

Noise Reduction Coefficient (NRC) _____ 0.40
Sound Absorption Average (SAA) _____ 0.42

Test report number **08-80-R21**

Test date **November 21, 2008**

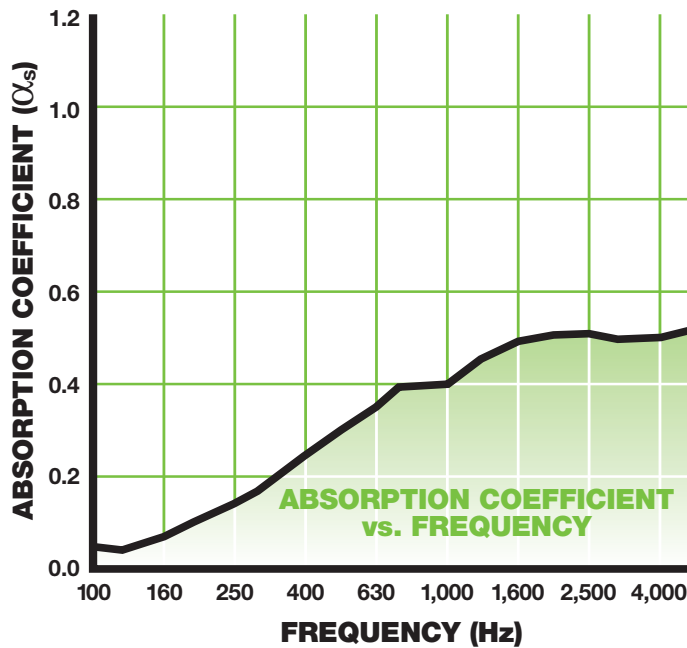
Room size **6.720 m²**

Reverberation room volume **200 m³**

Object Surface **8.8 m²**

Temperature (°C) **16.0**

Relative Humidity (%) **63**



Frequency (Hz)	Absorption Coefficients α _s
100	0.04
125	0.03
160	0.06
200	0.08
250	0.13
315	0.17
400	0.25
500	0.31
630	0.34
800	0.39
1,000	0.40
1,250	0.44
1,600	0.48
2,000	0.50
2,500	0.52
3,150	0.47
4,000	0.48
5,000	0.52



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