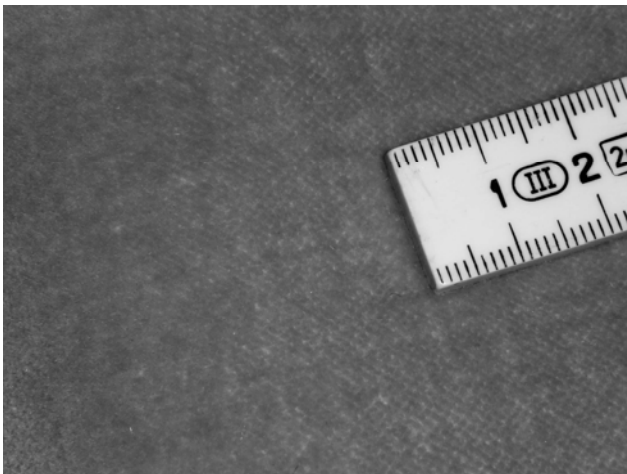


ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)

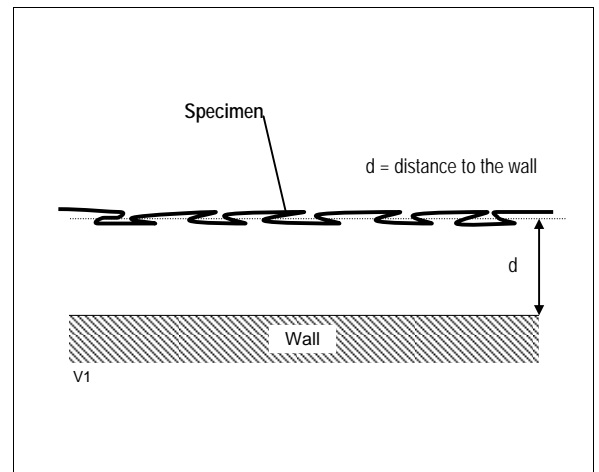
Specifications

Manufacturer Product name Remarks, configuration	Création Baumann - Weberei und Färberei AG - CH-4901 Langenthal (Switzerland) VELLING Decoration fabric Measurement configuration: curtain draped by 100%, distance to the wall $d = 15$ cm	
Set-up (acc. ISO 354/Amd 1:1997) Probe area Temperature Relative Humidity Volume of the reverberation chamber Measurement No. / Date / Time	Type G-150 12.6 m ² 19.5 °C 57.6 % r.H. 214.3 m ³ 43 / 04.06.2003 / 12h00'	No. of measurements 3 each microphone No. of used microphone 10 Used acoustic Signal White noise Empty room measurement Interpolated values EEC Order No. 8727 Archive filename VELLING1.ABS

EUT identification



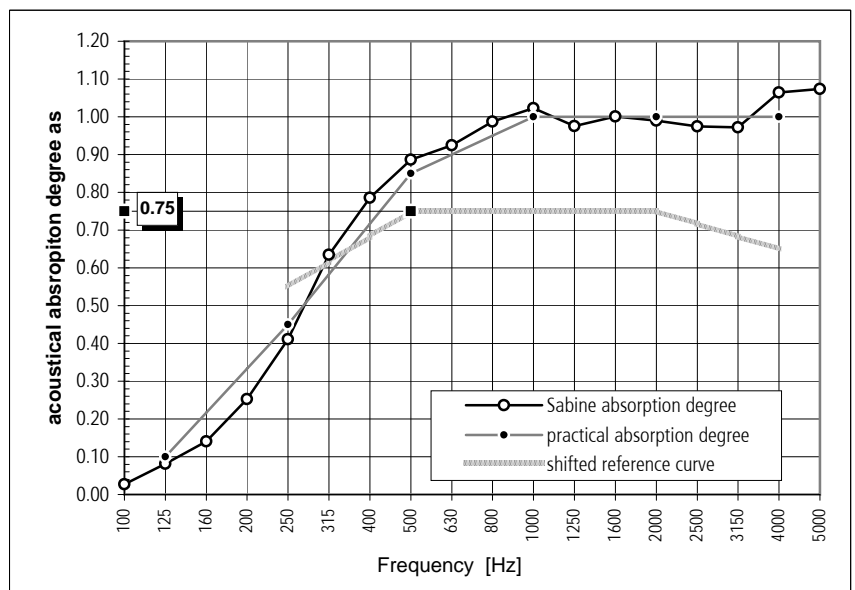
Test set-up



Measurement results (acc. ISO 354, ISO 11654)

Freq. [Hz]	T ₁	T ₂	α_s	α_{pi}	α_w
100	20.33	16.96	0.03		0.10
125	18.39	11.92	0.08		
160	15.02	8.49	0.14		0.45
200	12.10	5.73	0.25		
250	11.03	4.16	0.41		
315	9.81	3.00	0.64		0.85
400	7.98	2.43	0.79		
500	8.50	2.27	0.89		1.00
630	8.07	2.17	0.92		
800	7.66	2.04	0.99		1.00
1'000	7.01	1.94	1.02		
1'250	6.04	1.92	0.98		1.00
1'600	5.41	1.82	1.00		
2'000	4.82	1.76	0.99		1.00
2'500	4.29	1.70	0.97		
3'150	3.64	1.59	0.97		1.00
4'000	3.06	1.40	1.06		
5'000	2.45	1.25	1.07		

α_w
0.75 (MHH)
Class "C"



LEGEND

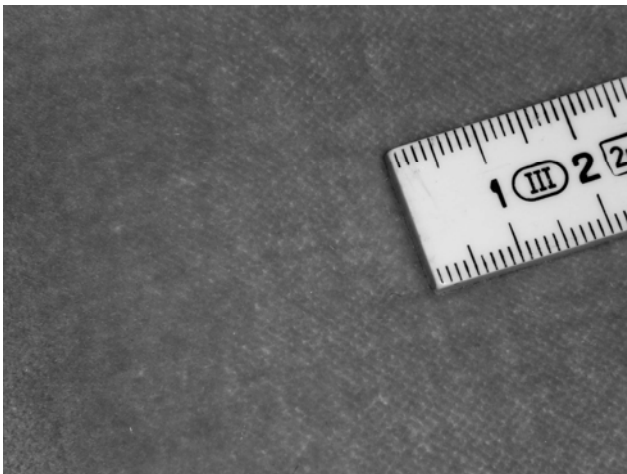
T ₁ = Reverberation time of the empty room	α_s = Sabine absorption degree
T ₂ = Reverberation time with the test specimen	α_{pi} = practical absorption degree
	α_w = assessed absorption degree

ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)

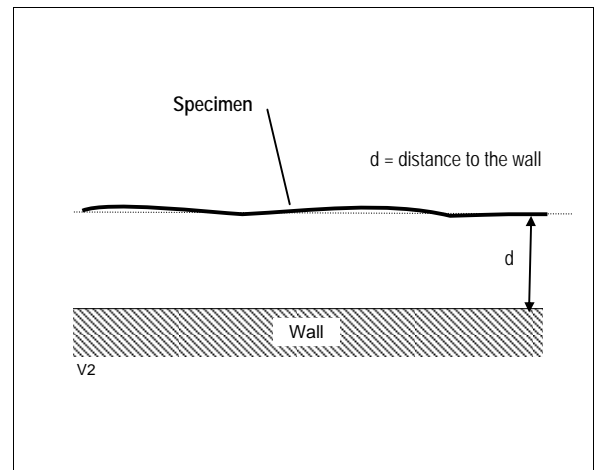
Specifications

Manufacturer	Création Baumann - Weberei und Färberei AG - CH-4901 Langenthal (Switzerland)		
Product name	VELLING		
Remarks, configuration	Decoration fabric Measurement configuration: curtain panels, distance to the wall d = 15 cm		
Set-up (acc. ISO 354/Amd 1:1997)	Type G-150	No. of measurements	2 each microphone
Probe area	12.6 m ²	No. of used microphone	10
Temperature	19.4 °C	Used acoustic Signal	White noise
Relative Humidity	57.8 % r.H.	Empty room measurement	Measured values
Volume of the reverberation chamber	214.3 m ³	EEC Order No.	8727
Measurement No. / Date / Time	44 / 04.06.2003 / 12h30	Archive filename	VELLING2.ABS

EUT identification



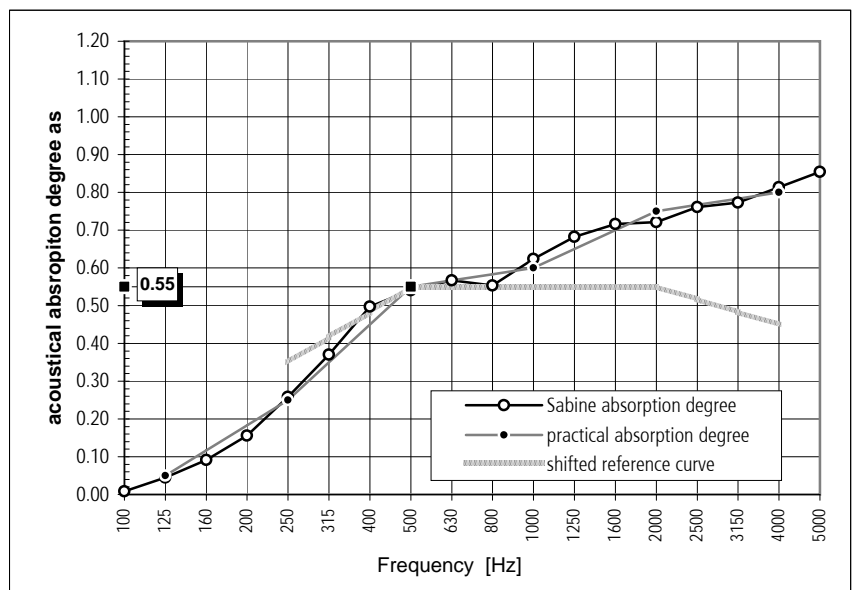
Test set-up



Measurement results (acc. ISO 354, ISO 11654)

Freq. [Hz]	T ₁	T ₂	α _s	α _{pi}	α _w
100	20.38	19.12	0.01		0.05
125	18.39	14.12	0.05		
160	15.15	10.06	0.09		
200	12.15	7.19	0.16		
250	11.02	5.41	0.26		
315	9.80	4.22	0.37		0.25
400	8.02	3.27	0.50		
500	8.51	3.18	0.54		0.55
630	8.09	3.03	0.57		
800	7.65	3.01	0.55		0.60
1'000	6.98	2.70	0.62		
1'250	6.01	2.41	0.68		0.75
1'600	5.39	2.24	0.72		
2'000	4.84	2.13	0.72		0.80
2'500	4.29	1.96	0.76		
3'150	3.65	1.80	0.77		
4'000	3.08	1.61	0.81		
5'000	2.45	1.39	0.85		

0.55 (H) Class "D"



LEGEND	α _s = Sabine absorption degree
T ₁ = Reverberation time of the empty room	α _{pi} = practical absorption degree
T ₂ = Reverberation time with the test specimen	α _w = assessed absorption degree