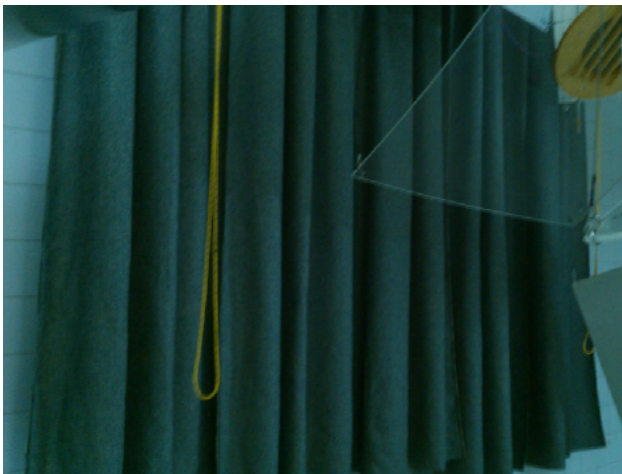
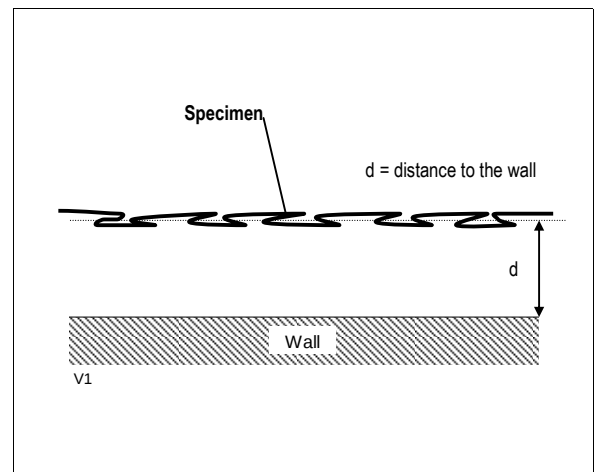
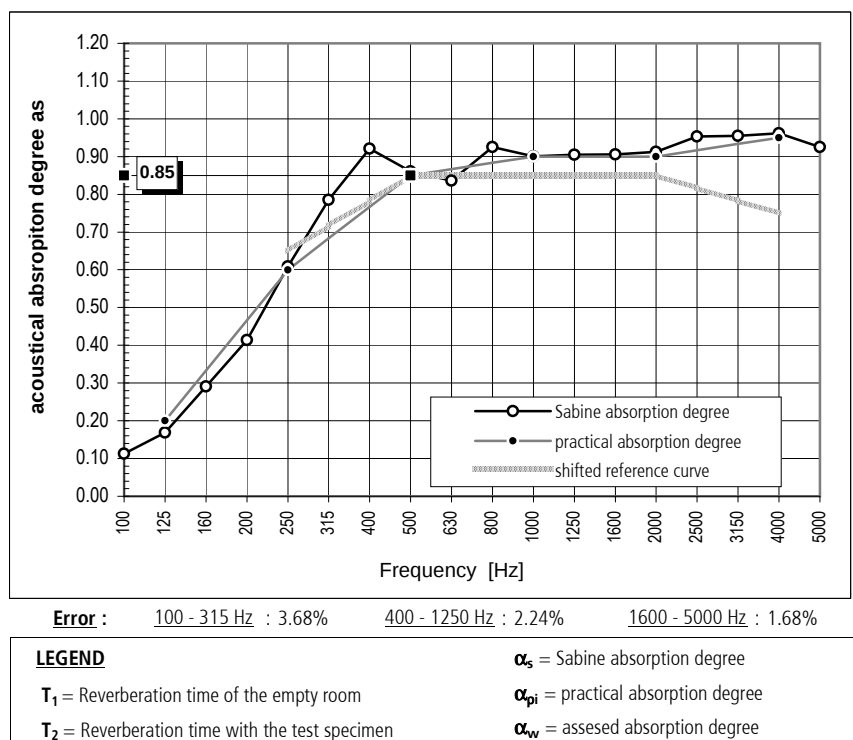


**swisscom****ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)****Specifications**

Manufacturer	BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium	No. of measurements	3 each microphon
Product name	FR-One Prodigy - Supra	No. of microphones	9
Remarks, configuration	panels draped by 100%	Used acoustic Signal	White noise
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	Empty room measurement	Measured values
Probe area	3.50 x 2.91 = 10.19 m ²	EEC Order No.	13070
Temperature	23.8 °C	Archive filename	BRU018.ABS
Relative Humidity	42.4 % r.H.		
Volume of the reverberation chamber	214.3 m ³		
Measurement No. / Date / Time	Nr. 18 / 17.09.2012 / 14:40		
Tested by	Enrico Blondel		

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	20.56	12.18	0.11	0.20	0.85 <u>Class</u> "B"
125	17.27	9.25	0.17		
160	15.48	6.63	0.29		
200	11.22	4.72	0.41	0.60	
250	10.88	3.67	0.61		
315	9.44	2.95	0.79		
400	8.09	2.52	0.92	0.85	
500	8.39	2.67	0.86		
630	8.09	2.69	0.84		
800	7.67	2.47	0.92	0.90	
1'000	7.01	2.44	0.90		
1'250	6.01	2.30	0.90		
1'600	5.32	2.19	0.91	0.90	
2'000	4.71	2.07	0.91		
2'500	4.20	1.92	0.95		
3'150	3.59	1.78	0.95	0.95	
4'000	2.91	1.59	0.96		
5'000	2.30	1.41	0.92		

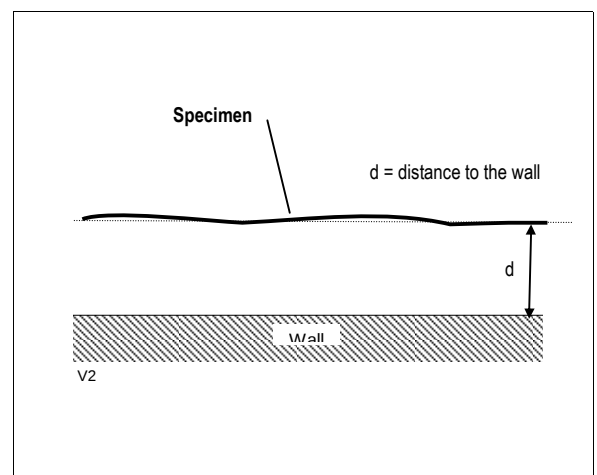




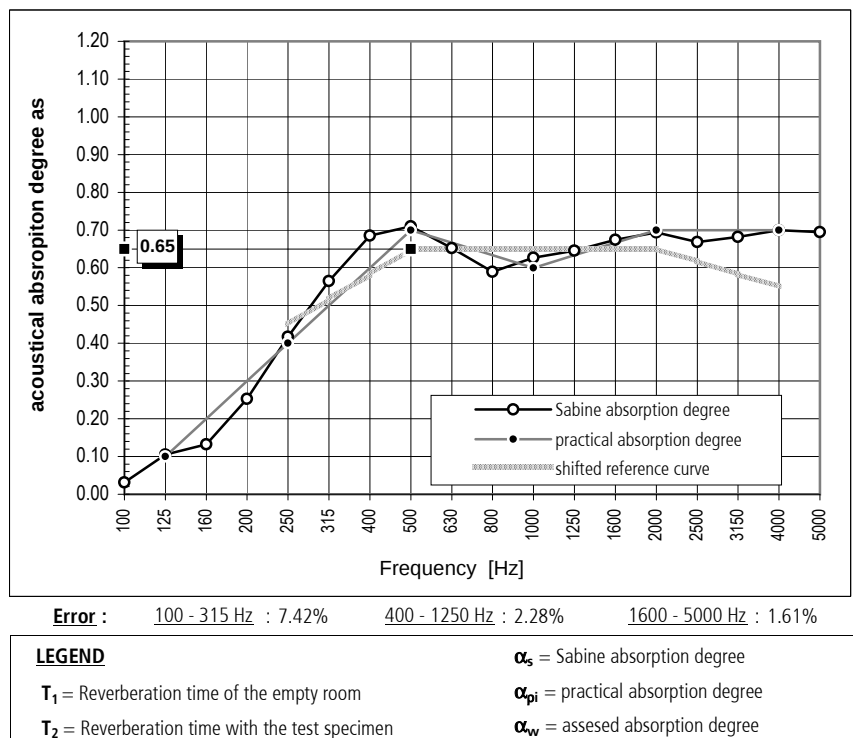
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ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)**Specifications**

Manufacturer	BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium	No. of measurements	3 each microphone
Product name	FR-One Prodigy - Supra	No. of used microphone	9
Remarks, configuration	flat panels	Used acoustic Signal	White noise
		Empty room measurement	Measured / Interpolated values
		EEC Order No.	13070
		Archive filename	BRU008.ABS
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150		
Probe area	4.20 x 2.85 = 11.97 m ²		
Temperature	24.0 °C		
Relative Humidity	49.3 % r.H.		
Volume of the reverberation chamber	214.3 m ³		
Measurement No. / Date / Time	Nr. 08/ 04.09.2012 / 11:48		
Tested by	Enrico Blondel		

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	21.36	17.31	0.03	0.10	0.65 <u>Class</u> "C"
125	18.29	10.94	0.11		
160	15.62	9.08	0.13		
200	11.14	5.62	0.25	0.40	
250	11.02	4.23	0.42		
315	9.35	3.29	0.56		
400	7.86	2.73	0.69	0.70	
500	8.34	2.72	0.71		
630	8.03	2.84	0.65		
800	7.56	2.96	0.59	0.60	
1'000	6.96	2.76	0.63		
1'250	5.99	2.55	0.65		
1'600	5.41	2.38	0.67	0.70	
2'000	4.80	2.22	0.69		
2'500	4.31	2.15	0.67		
3'150	3.78	1.99	0.68	0.70	
4'000	3.18	1.79	0.70		
5'000	2.56	1.58	0.69		

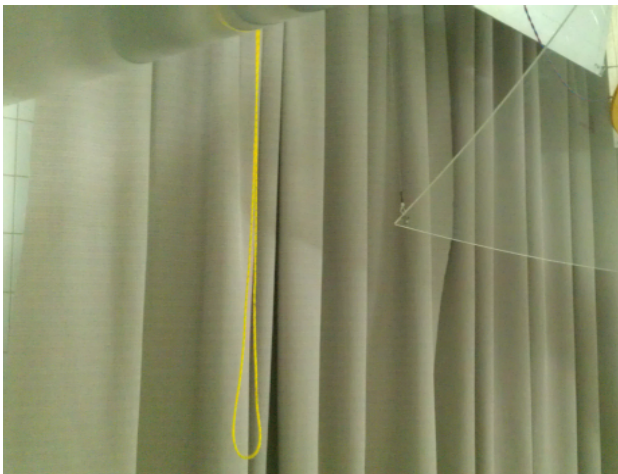
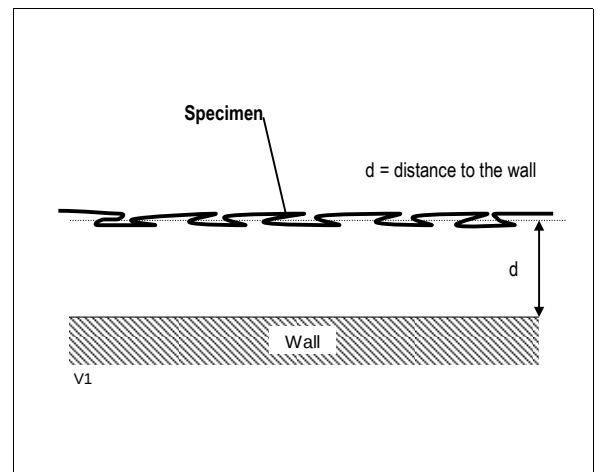




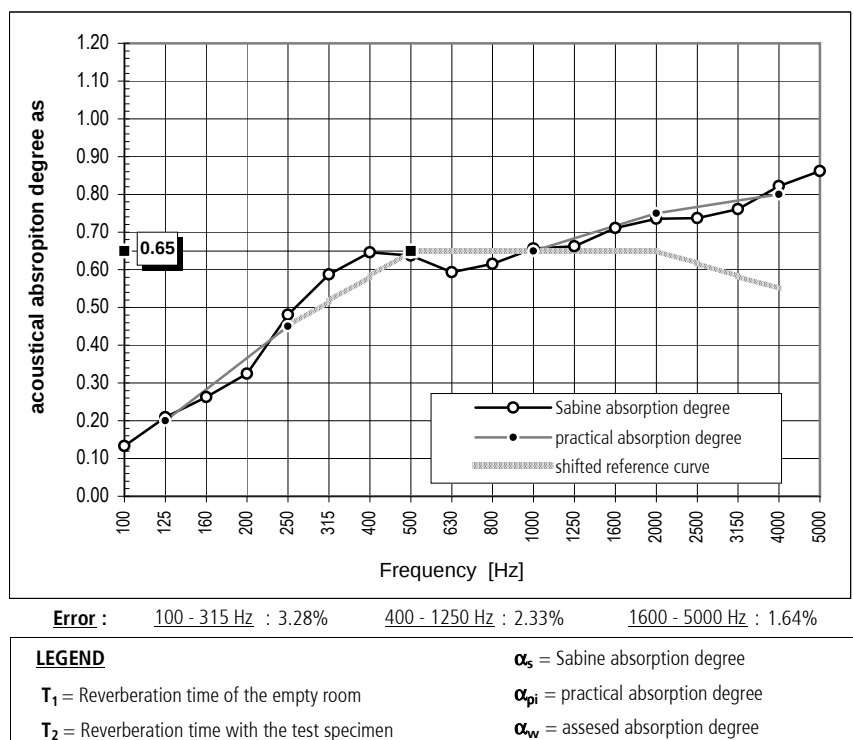
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ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)**Specifications**

Manufacturer	BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium		
Product name	Timber		
Remarks, configuration	Draped by 100%		
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	No. of measurements	3 each microphone
Probe area	3.50 x 3.00 = 10.50 m ²	No. of used microphone	9
Temperature	24.0 °C	Used acoustic Signal	White noise
Relative Humidity	43.4 % r.H.	Empty room measurement	Measured values
Volume of the reverberation chamber	214.3 m ³	EEC Order No.	13070
Measurement No. / Date / Time	Nr. 02 / 31.08.2012 / 14:51	Archive filename	BRU002.ABS
Tested by	Enrico Blondel		

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	21.17	11.37	0.13	0.20	0.65 (H) <u>Class</u> "C"
125	18.48	8.46	0.21		
160	15.72	6.94	0.26		
200	10.95	5.24	0.33	0.45	
250	10.92	4.19	0.48		
315	9.30	3.48	0.59		
400	7.81	3.07	0.65	0.65	
500	8.38	3.18	0.64		
630	8.05	3.27	0.59		
800	7.57	3.12	0.62	0.65	
1'000	7.01	2.91	0.66		
1'250	6.01	2.71	0.66		
1'600	5.43	2.49	0.71	0.75	
2'000	4.77	2.30	0.74		
2'500	4.25	2.17	0.74		
3'150	3.64	1.97	0.76	0.80	
4'000	3.00	1.71	0.82		
5'000	2.40	1.47	0.86		

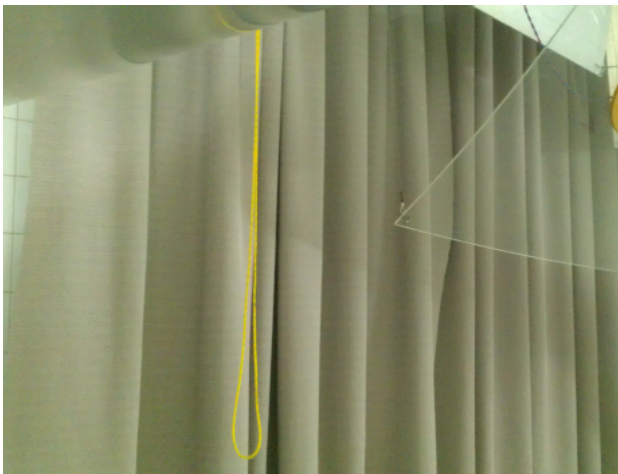
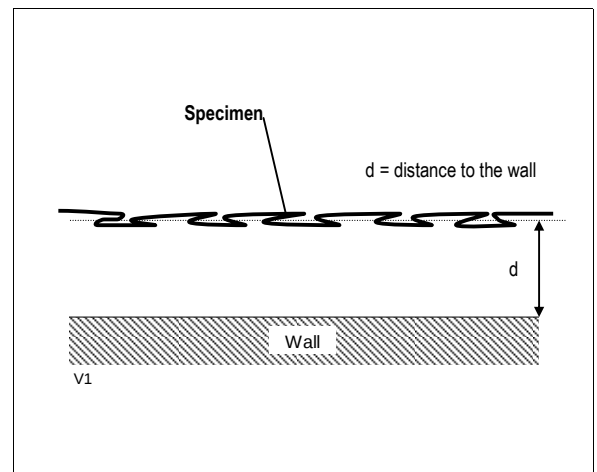




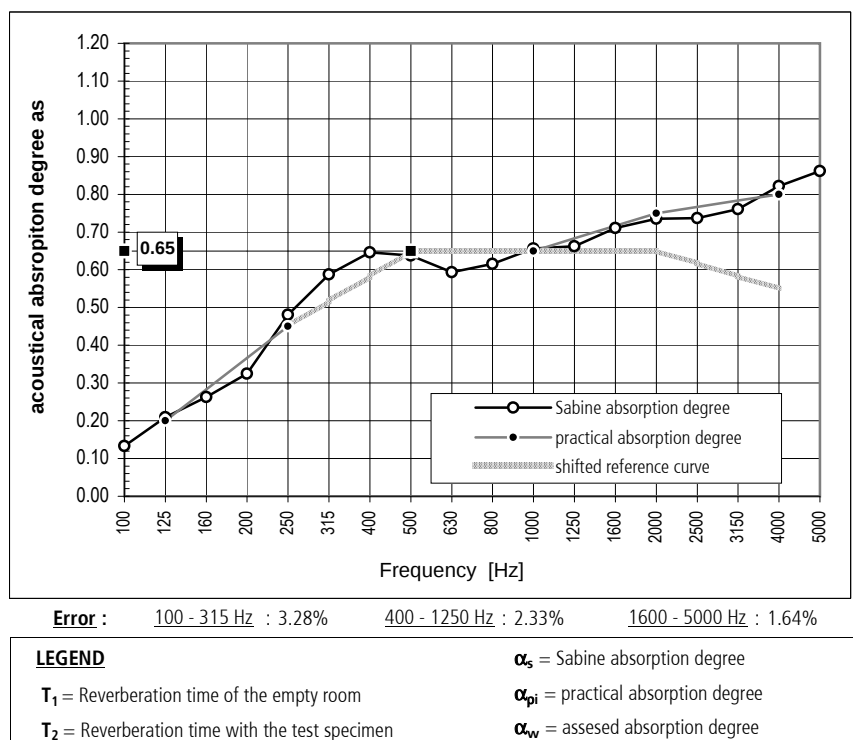
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ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)**Specifications**

Manufacturer	BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium		
Product name	Timber		
Remarks, configuration	Draped by 100%		
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	No. of measurements	3 each microphone
Probe area	3.50 x 3.00 = 10.50 m ²	No. of used microphone	9
Temperature	24.0 °C	Used acoustic Signal	White noise
Relative Humidity	43.4 % r.H.	Empty room measurement	Measured values
Volume of the reverberation chamber	214.3 m ³	EEC Order No.	13070
Measurement No. / Date / Time	Nr. 02 / 31.08.2012 / 14:51	Archive filename	BRU002.ABS
Tested by	Enrico Blondel		

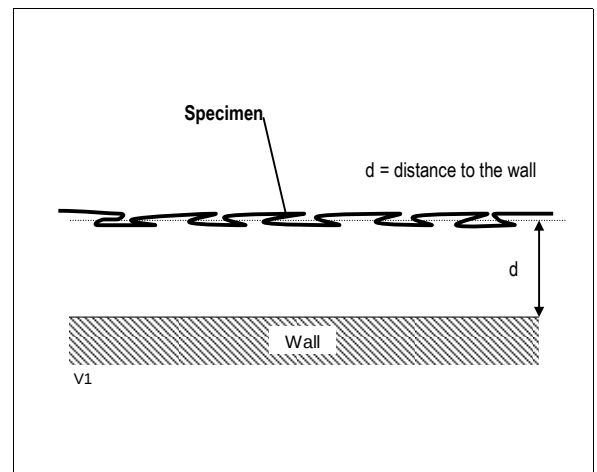
EUT identification**Test set-up****Measurement results (acc. ISO 354, ISO 11654)**

Freq. [Hz]	T ₁	T ₂	α _s	α _{pi}	α _w
100	21.17	11.37	0.13	0.20	0.65 (H) <u>Class</u> "C"
125	18.48	8.46	0.21		
160	15.72	6.94	0.26		
200	10.95	5.24	0.33	0.45	
250	10.92	4.19	0.48		
315	9.30	3.48	0.59		
400	7.81	3.07	0.65	0.65	
500	8.38	3.18	0.64		
630	8.05	3.27	0.59		
800	7.57	3.12	0.62	0.65	
1'000	7.01	2.91	0.66		
1'250	6.01	2.71	0.66		
1'600	5.43	2.49	0.71	0.75	
2'000	4.77	2.30	0.74		
2'500	4.25	2.17	0.74		
3'150	3.64	1.97	0.76	0.80	
4'000	3.00	1.71	0.82		
5'000	2.40	1.47	0.86		

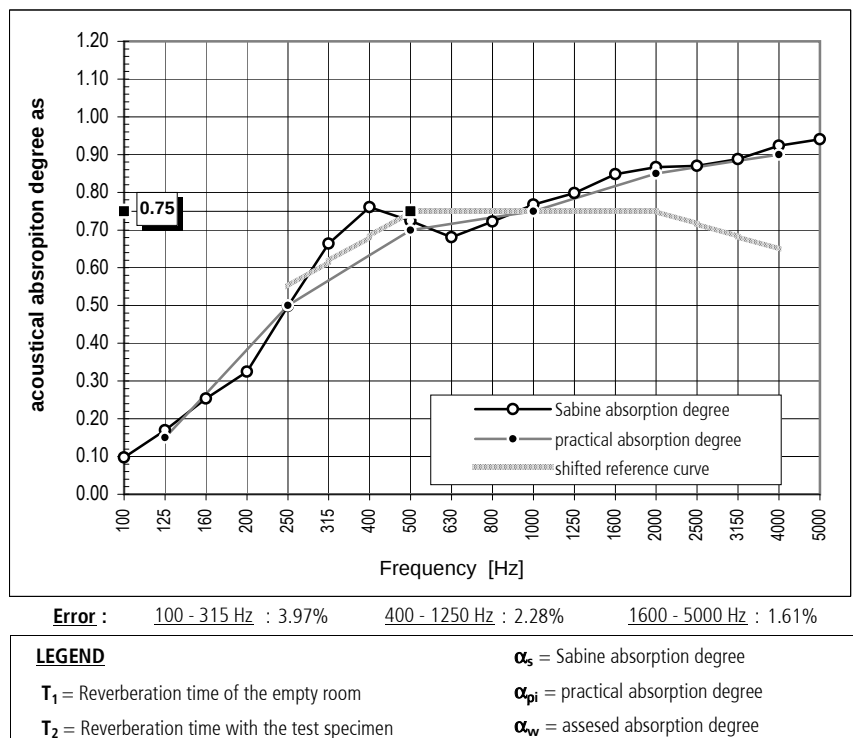


**swisscom****ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)****Specifications**

Manufacturer	BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium	No. of measurements	3 each microphon
Product name	FR-One Tyrell - Blade Razor	No. of microphones	9
Remarks, configuration	panels draped by 100%	Used acoustic Signal	White noise
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	Empty room measurement	Measured values
Probe area	3.50 x 2.91 = 10.19 m ²	EEC Order No.	13070
Temperature	23.9 °C	Archive filename	BRU023.ABS
Relative Humidity	42.1 % r.H.		
Volume of the reverberation chamber	214.3 m ³		
Measurement No. / Date / Time	Nr. 23/ 19.09.2012 / 11:20		
Tested by	Enrico Blondel		

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	20.52	12.88	0.10	0.15	0.75 (H) <u>Class</u> "C"
125	18.27	9.52	0.17		
160	16.16	7.29	0.25		
200	11.22	5.39	0.32	0.50	
250	11.03	4.19	0.50		
315	9.35	3.29	0.66		
400	7.91	2.84	0.76	0.70	
500	8.29	2.98	0.72		
630	8.02	3.06	0.68		
800	7.53	2.88	0.72	0.75	
1'000	7.01	2.70	0.77		
1'250	6.07	2.49	0.80		
1'600	5.35	2.28	0.85	0.85	
2'000	4.81	2.15	0.87		
2'500	4.18	2.01	0.87		
3'150	3.61	1.85	0.89	0.90	
4'000	2.98	1.64	0.92		
5'000	2.38	1.43	0.94		



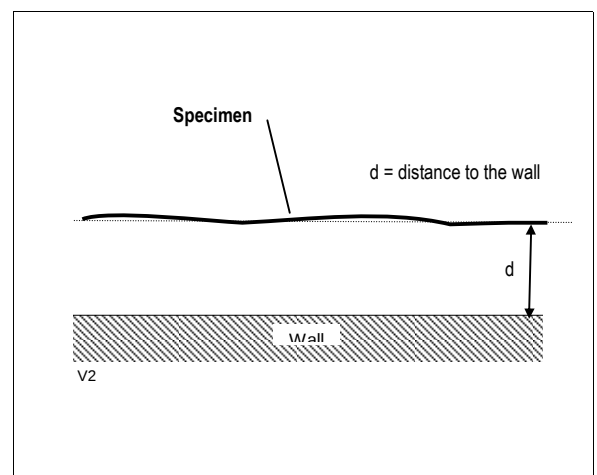


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ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)**Specifications**

Manufacturer **BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium**
 Product name **FR-One Tyrell - Blade Razor**
 Remarks, configuration flat panels

Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	No. of measurements	3 each microphone
Probe area	4.20 x 2.85 = 11.97 m ²	No. of used microphone	9
Temperature	24.0 °C	Used acoustic Signal	White noise
Relative Humidity	49.0 % r.H.	Empty room measurement	Measured / Interpolated values
Volume of the reverberation chamber	214.3 m ³	EEC Order No.	13070
Measurement No. / Date / Time	Nr. 06/ 04.09.2012 / 10:05	Archive filename	BRU006.ABS
Tested by	Enrico Blondel		

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	21.36	16.64	0.04	0.10	0.60 <u>Class</u> "C"
125	18.29	10.99	0.10		
160	15.62	9.14	0.13		
200	11.14	5.86	0.23	0.35	
250	11.02	4.59	0.36		
315	9.35	3.61	0.49		
400	7.86	2.92	0.62	0.60	
500	8.34	2.89	0.65		
630	8.03	3.07	0.58		
800	7.56	3.28	0.49	0.55	
1'000	6.96	3.05	0.53		
1'250	5.99	2.72	0.58		
1'600	5.41	2.60	0.57	0.60	
2'000	4.80	2.42	0.59		
2'500	4.31	2.24	0.61		
3'150	3.78	2.08	0.62	0.65	
4'000	3.18	1.85	0.65		
5'000	2.56	1.62	0.65		

