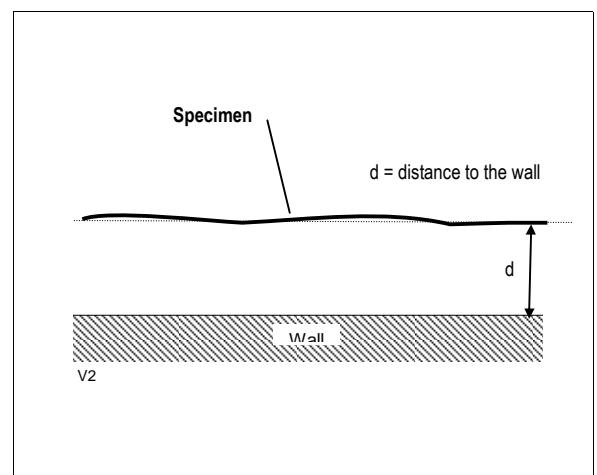




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**ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)****Specifications**

Manufacturer	<b>BRU Textiles NV, Satenrozen 2A, B-2550 Kontich, Belgium</b>	No. of measurements	3 each microphone
Product name	<b>FR-One Tyrell - Blade Razor</b>	No. of used microphone	9
Remarks, configuration	flat panels	Used acoustic Signal	White noise
Set-up (acc. ISO 354/2nd Ed.:2003)	Type G-150	Empty room measurement	Measured / Interpolated values
Probe area	4.20 x 2.85 = 11.97 m <sup>2</sup>	EEC Order No.	13070
Temperature	24.0 °C	Archive filename	BRU006.ABS
Relative Humidity	49.0 % r.H.		
Volume of the reverberation chamber	214.3 m <sup>3</sup>		
Measurement No. / Date / Time	Nr. 06/ 04.09.2012 / 10:05		
Tested by	Enrico Blondel		

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

Freq. [Hz]	T <sub>1</sub>	T <sub>2</sub>	α <sub>s</sub>	α <sub>pi</sub>	α <sub>w</sub>
100	21.36	16.64	0.04	0.10	0.60 Class "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		

Frequency [Hz]	acoustical absorption degree as
100	0.00
125	0.10
160	0.13
200	0.23
250	0.36
315	0.49
400	0.62
500	0.65
630	0.58
800	0.49
1000	0.53
1250	0.58
1600	0.57
2000	0.59
2500	0.61
3150	0.62
4000	0.65
5000	0.65

<b>Error :</b>	100 - 315 Hz : 6.37%	400 - 1250 Hz : 2.30%	1600 - 5000 Hz : 1.66%
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LEGEND	
T <sub>1</sub> = Reverberation time of the empty room	α <sub>s</sub> = Sabine absorption degree
T <sub>2</sub> = Reverberation time with the test specimen	α <sub>pi</sub> = practical absorption degree
	α <sub>w</sub> = assessed absorption degree