

Test acoustique

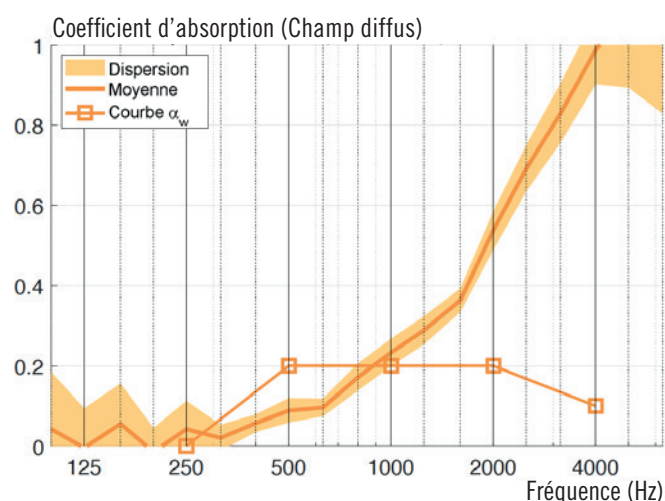
ÉLITIS

GALERIE RM 1006 Perfecto lin

Fréquence (Hz)	α	TR vide (s)	TR matériau (s)
100	0.04	12.62	11.52
125	0	11.48	11.59
160	0.06	12.8	11.35
200	0	11.36	11.72
250	0.04	12.18	11.15
315	0.02	12.54	12
400	0.06	10.73	9.67
500	0.09	10.04	8.66
630	0.1	9.02	7.81
800	0.17	8.14	6.51
1000	0.23	7.27	5.57
1250	0.29	6.85	5.06
1600	0.36	6.48	4.55
2000	0.54	5.87	3.75
2500	0.69	5.03	3.1
3150	0.83	4.21	2.59
4000	0.99	3.44	2.14
5000	1.08	2.79	1.81

Table 1 : GALERIE Perfecto lin - RM 1006

Coefficient d'absorption et temps de réverbération avec et sans matériau en fonction de la fréquence par bande de tiers d'octave.



Fréquence (Hz)	α
250	0.02
500	0.08
1000	0.23
2000	0.53
4000	0.97
α_w	0.20 (H)

Table 2 : GALERIE Perfecto lin - RM 1006

Coefficient d'absorption en fonction de la fréquence par bande d'octave et indice unique α_w

GALERIE RM 1006 Perfecto lin



Frequency (Hz)	α	TR empty (s)	TR mat (s)
100	0.04	12.62	11.52
125	0	11.48	11.59
160	0.06	12.8	11.35
200	0	11.36	11.72
250	0.04	12.18	11.15
315	0.02	12.54	12
400	0.06	10.73	9.67
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Table 1 : GALERIE Perfecto lin - RM 1006

Sound absorption coefficient and reverberation time with and without samples as a function of the frequency in third-octave bands.

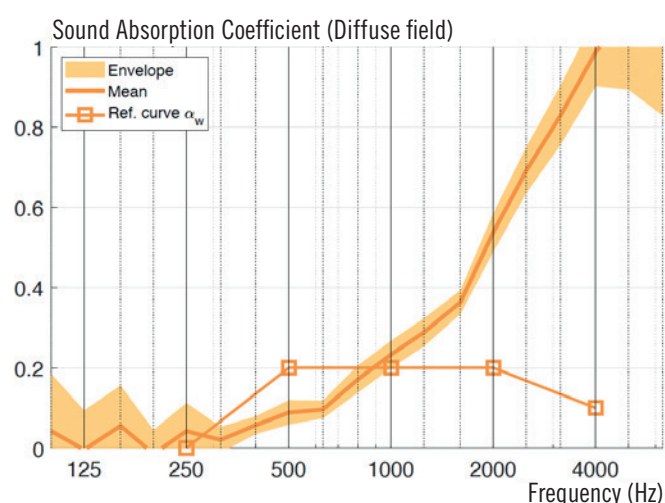


Figure 1 : GALERIE Perfecto lin - RM 1006

Sound absorption coefficient under diffuse field, envelope and reference curve for single-value indicator α_w

Frequency (Hz)	α
250	0.02
500	0.08
1000	0.23
2000	0.53
4000	0.97
α_w	0.20 (H)

Table 2 : GALERIE Perfecto lin - RM 1006

Sound absorption coefficient as a function of the frequency in octave bands and single-value rating α_w