

Measurement of acoustic absorption by UNE-EN ISO 354:2004

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**Rehearsed sample:**

Sample of **PROJECTED CORK ECORK** approximately 2 mm thick on MDF 3 mm base.

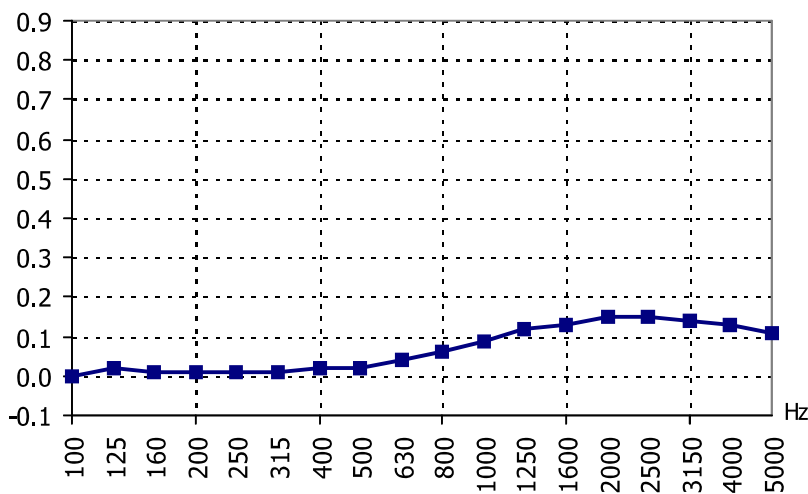
Measurement date: 23/04/2014



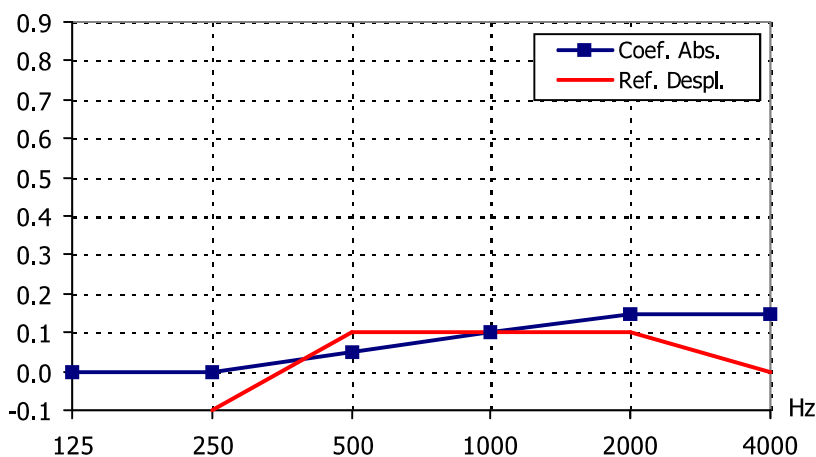
Coef. acoustic abs,  $\alpha_s$

Frec. (Hz)	$\alpha_s$
100	0,00
125	0,02
160	0,01
200	0,01
250	0,01
315	0,01
400	0,02
500	0,02
630	0,04
800	0,06
1000	0,09
1250	0,12
1600	0,13
2000	0,15
2500	0,15
3150	0,14
4000	0,13
5000	0,11

Coefficient acoustic absorption,  $\alpha_s$



Practical coefficient acoustic absorption,  $\alpha_p$



Practical Coef. acoustic abs,  $\alpha_p$

Frec. (Hz)	$\alpha_p$
125	0,00
250	0,00
500	0,05
1000	0,10
2000	0,15
4000	0,15

Weighted coefficient acoustic absorption,  $\alpha_w = 0,10$  (--)

The results refer exclusively to the measurements made with the sample delivered to the LGAI Technological Center laboratory on the indicated day.