

SOUND ABSORPTION

CEWOOD Decorative / Acoustic panels is natural, environment-friendly material with a wide range of applications. The panels are made with white Portland cement from high-quality, branchless wood — for smooth, even looking surfaces with the highest aesthetic standards.

Practical sound absorption coefficient α_p in octave band according to EN ISO 354
 Extended sound absorption coefficient α_w and sound absorption class according to EN ISO 11654:1997

	125	250	500	1000	2000	4000	Extended α_w	Sound absorption class
CEWOOD panel 25 mm, with 60 mm air gap	0,10	0,30	0,55	0,60	0,50	0,60	0,55	D
CEWOOD panel 25 mm, with 50 mm MW over it and 10 mm air gap	0,40	0,79	0,78	0,76	0,73	0,70	0,80	B
CEWOOD panel 25 mm, with 200 mm air gap	0,25	0,50	0,55	0,50	0,60	0,65	0,55	D
CEWOOD panel 25 mm, with 50 mm MW over it and 150 mm air gap	0,52	0,81	0,74	0,87	0,77	0,73	0,80	B
CEWOOD panel 25 mm, with 100 mm MW over it and 100 mm air gap	0,79	0,72	0,73	0,81	0,78	0,72	0,80	B
CEWOOD panel 50 mm, with 200 mm air gap	0,40	0,60	0,55	0,65	0,70	0,70	0,65	C

