

CEWOOD FLEECE

CEWOOD Fleece is a two-layer sound-absorbing panel that combines a CEWOOD panel with an ultra-thin layer of non-woven acoustic fleece on the back. This innovative design improves sound absorption capabilities without altering the panel's thickness, enabling it to achieve top sound absorption performance. CEWOOD Fleece panels in addition to improved acoustic performance also increases efficiency of handling, storage and installation.



Technical properties

Wood wool width	1.0 mm; other wood wool upon request
Panel thickness	25 mm (15 mm; 35 mm availability in progress)
Size (standard panels)	1200x600 mm; 600x600 mm
Size (for suspended ceiling)	595x595 mm; 1195x595 mm
Colours	natural painted, white, black, grey and any shade in RAL or NCS system upon request
Profiles	P0; P5; other edgeprofiles upon request
Fire reaction class	B-s1, d0 (A2-s1, d0 availability in progress)

Acoustic properties

CEWOOD Fleece panels provide the highest sound absorption class by simply adding a layer of non-woven fleece behind the panels, without altering their thickness. These panels can be installed with screws or incorporated into suspended ceiling systems. The dual-layer design effectively reduces sound reverberation, enhances acoustic comfort, and improves speech clarity in both private and public spaces, including apartments, homes, schools, offices, and conference rooms. Additionally, employees working in technical environments will experience significant benefits from reduced noise levels caused by production machinery.

Sound absorption coefficient, α_w

Total construction height	CEWOOD Fleece panel, 25 mm	CEWOOD Panel, 25 mm
75 mm	0,7	0,5
125 mm	0,9	0,6
200 mm	0,9	0,6*

*Interpolated