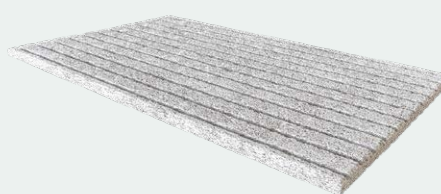


CEWOOD BARCODE

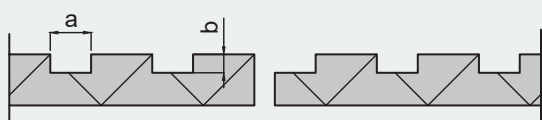
The main feature of CEWOOD Barcode panels is the recessed grooves that add a modern and expressive visual accent to interiors. Different groove patterns and dimensions are available, allowing architects and designers to adapt the solution to both functional and aesthetic requirements. The panels are manufactured with precision to ensure durability and consistent performance.



Technical specification

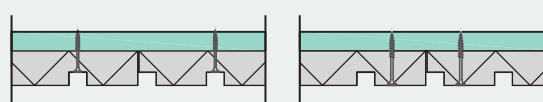
Wood wool width	0,5 mm; 1,0 mm; 1,5 mm
Panel thickness	25 mm; 35 mm
Size (standard panel)	600x600 mm; 1200x600 mm; other sizes upon request
Size (for suspended ceilings)	595x595 mm; 1195x595 mm; other sizes upon request
Colours	Natural, natural painted, white, black, grey and any shade in RAL or NCS system upon request
Profiles	P0 and other upon request
Fire reaction class	B-s1, d0; A2-s1, d0
Location of the grooves	Centered, shifted or other upon request

Dimensions of the grooves



Grooves width, a	14 - 30 mm
Grooves depth, b	8 - 10 mm

Placement of the fastening screws in Barcode panels



Embedded in the grooves

On surface of the panel

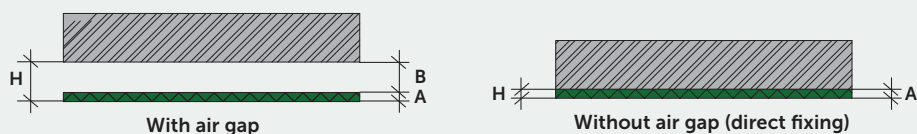
Minimum screw sizes depending on their location

Barcode panel thickness, mm	Screws on panel surface		Screws embedded in the grooves	
	CD metal frame	Wooden lath frame	CD metal frame	Wooden lath frame
25	50x4.5 mm	50x4.5 mm	35x4.5 mm	40x4.5 mm
35	50x4.5 mm	60x4.5 mm	50x4.5 mm	50x4.5 mm

CEWOOD BARCODE

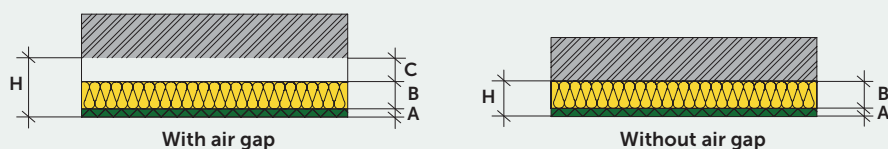
Barcode sound absorption

CEWOOD Barcode panels offer effective sound absorption and help reduce reverberation (reflection) time in spaces such as offices, schools, and residential interiors. They are a practical solution for improving acoustic comfort in environments with moderate noise levels, and their lightweight, easy-to-install design allows for flexible use in both wall and ceiling applications.



Description	α_w	Class	Height, H (mm)	Thickness, A (mm)	Air gap, B (mm)	Frequency					
						125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
CEWOOD Barcode 35 mm, air gap 100 mm	0,65	C	135	35	100	0,15	0,45	0,75	0,55	0,65	0,95
CEWOOD Barcode 25 mm, air gap 100 mm	0,55	D	125	25	100	0,15	0,30	0,65	0,55	0,55	0,75
CEWOOD Barcode 35 mm, air gap 0 mm	0,45	D	35	35	0	0,05	0,20	0,40	0,75	0,80	0,95
CEWOOD Barcode 25 mm, air gap 0 mm	0,35	D	25	25	0	0,05	0,15	0,25	0,45	0,80	0,75

CEWOOD Barcode panels, when installed without additional insulation (directly fixed or with an air gap), reach Class C or D sound absorption. By adding mineral wool behind the panels, the system can achieve the highest Class A performance (α_w up to 1.00).

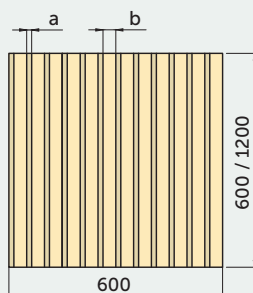


Description	α_w	Class	Height, H (mm)	Thickness, A (mm)	Mineral wool, B (mm)	Air gap, C (mm)	Frequency					
							125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
CEWOOD Barcode 35 mm, mineral wool 20 mm, air gap 145 mm	1,00	A	200	35	20	145	0,40	0,80	1,00	0,95	0,90	1,00
CEWOOD Barcode 25 mm, mineral wool 20 mm, air gap 100 mm	1,00	A	145	25	20	100	0,30	0,75	1,00	1,00	0,95	0,95
CEWOOD Barcode 35 mm, A2 mineral wool 40 mm, air gap 0 mm	1,00	A	75	35	40	0	0,25	0,85	1,00	1,00	0,90	1,00
CEWOOD Barcode 25 mm, mineral wool 40 mm, air gap 0 mm	0,95	A	65	25	40	0	0,25	0,75	1,00	1,00	0,90	1,00

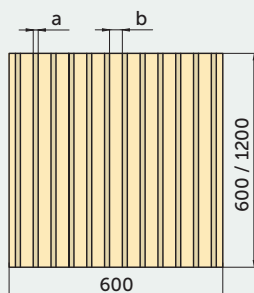
A2 – reaction to fire class according to EN 13501-1

CEWOOD BARCODE

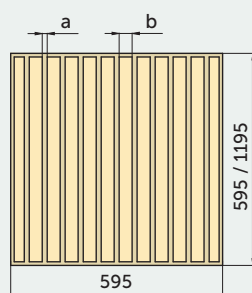
Top-selling Barcodes



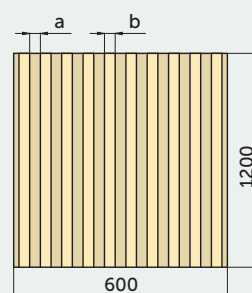
BAR1	
Fixing method	Screw-fixed
Groove pattern	Shifted
Groove width (a)	14 mm
Gap width (b)	36 mm



BAR2	
Fixing method	Screw-fixed
Groove pattern	Centered
Groove width (a)	14 mm
Gap width (b)	36 mm



BAR4	
Fixing method	T24 profile
Groove pattern	Centered
Groove width (a)	14 mm
Gap width (b)	36 mm



BAR15-1	
Fixing method	Screw-fixed
Groove pattern	Centered
Groove width (a)	30 mm
Gap width (b)	30 mm

CEWOOD Barcode panel solutions in interiors

