

DECORATIVE / ACOUSTIC PANELS

CEWOOD panels for acoustic and decorative use manufactured from 1,0 or 1,5 mm wood wool and white Portland cement. Environmental friendly natural material, easy handiness, excellent sound absorption, good thermal insulation and much better thermal inertia.



Description code according to standard EN 13168:

- 25 mm panels – WW-13168-L4-W2-T2-S2-P2-CS(10)300-BS1300-CI2-MU5
- 15 mm panels – WW-13168- L4-W2-T2-S2-P2-CS(10)300-BS1300-CI2-MU5
- 35 mm panels – WW-13168- L4-W2-T2-S2-P2-CS(10)200-BS1000-CI2-MU5

Application:

- For ceiling and wall covering in offices, administration buildings, schools, kindergartens, events halls, gymnasiums, sports halls, swimming pools and recreation facilities, farms, etc.
- Appropriate for using in not heated premises, space under the roof, basements, underground garage, etc.

TECHNICAL DATA - 25 mm PANELS

CEWOOD code		CW-W25F105	CW-W25S115	CW-W25R115
Thickness	mm	25	25	25
Wood wool width	mm	1,5	1,0	3,0
Length	mm	2400; 1200; 600	2400; 1200; 600	2400; 1200; 600
Width	mm	600	600	600
Weight	kg/m ²	10,50	11,50	11,50
Density	kg/m ³	420	460	460
1 m ³ field	m ²	40	40	40
Thermal resistance (Ro)	m ² ·K/W	0,35	0,35	0,35
Thermal conductivity (λD)	W / m·K	0,066	0,066	0,066
Specific heat (c)	J/(kg·K)	2100	2100	2100
Minimum level of tensile strength:				
• Bend (EN 12089)	kPa	≥ 1300	≥ 1300	≥ 1300
• Compression (EN 826)	kPa	≥ 300	≥ 300	≥ 300
Chloride content (EN 13168)	%	≤ 0.15	≤ 0.15	≤ 0.15
Reaction to fire (EN 13501-1:2007)		B-s1, d0	B-s1, d0	B-s1, d0

TECHNICAL DATA - 15 mm PANELS

CEWOOD code		CW-W15F082	CW-W15S086
Thickness	mm	15	15
Wood wool width	mm	1,5	1,0
Length	mm	2400; 1200; 600	2400; 1200; 600
Width	mm	600	600
Weight	kg/m ²	8,00	8,60
Density	kg/m ³	530	570
1 m ³ field	m ²	66,7	66,7
Thermal resistance (Ro)	m ² ·K/W	0,20	0,20
Thermal conductivity (λD)	W / m·K	0,066	0,066
Specific heat (c)	J/(kg·K)	2100	2100
Minimum level of tensile strength:			
• Bend (EN 12089)	kPa	≥ 1300	≥ 1300
• Compression (EN 826)	kPa	≥ 300	≥ 300
Chloride content (EN 13168)	%	≤ 0.15	≤ 0.15
Reaction to fire (EN 13501-1:2007)		B-s1, d0	B-s1, d0

TECHNICAL DATA - 35 mm PANELS

CEWOOD code		CW-W35F	CW-W35S145
Thickness	mm	35	35
Wood wool width	mm	1,5	1,0
Length	mm	2400; 1200; 600	2400; 1200; 600
Width	mm	600	600
Weight	kg/m ²	13,50	14,50
Density	kg/m ³	380	410
1 m ³ field	m ²	28,6	28,6
Thermal resistance (Ro)	m ² ·K/W	0,50	0,50
Thermal conductivity (λD)	W / m·K	0,066	0,066
Specific heat (c)	J/(kg·K)	2100	2100
Minimum level of tensile strength:			
• Bend (EN 12089)	kPa	≥ 1000	≥ 1000
• Compression (EN 826)	kPa	≥ 200	≥ 200
Chloride content (EN 13168)	%	≤ 0.15	≤ 0.15
Reaction to fire (EN 13501-1:2007)		B-s1, d0	B-s1, d0

Colors and profiles: CEWOOD panels can be supplied natural, white painted or painted in any RAL color upon customer request. Panels can be profiled as well.

General packaging information: CEWOOD panels are placed on 2400x600 or 1200x1200 mm wooden pallets, with cardboard on top and corners, plastic film around pallets.