

## CONSTRUCTION PANELS

CEWOOD panels for construction are manufactured from 3,0 mm wood wool and mainly grey 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-L3-W1-T2-S2-P2-CS(10)300-BS1300-CL2-MU5
- 50 mm panels – WW-13168-L3-W1-T2-S2-P2-CS(10)200-BS700-CL2-MU5
- 75 mm panels – WW-13168-L3-W1-T2-S2-P2-CS(10)150-BS500-CL2-MU5
- 100 mm panels – WW-13168-L3-W1-T2-S2-P2-CS(10)100-BS300-CL2-MU5

### Application:

- In demarcated constructions of wooden frame buildings - walls, partitions, coverings, roof construction, etc.
- Using as a constructive, sound and heat insulation material.
- Using as permanent shuttering in monolith building.

### TECHNICAL DATA

CEWOOD code		CW-G25R115	CW-G50R195	CW-G75R280	CW-G100R360
<b>Thickness</b>	mm	25 (±2)	50 (±2)	75 (±2)	100 (±2)
<b>Length</b>	mm	2400 (±3)	2400 (±3)	2400 (±3)	2400 (±3)
<b>Width</b>	mm	600 (±2)	600 (±2)	600 (±2)	600 (±2)
<b>Weight</b>	kg/m <sup>2</sup>	11,50	19,50	28,00	36,00
<b>Density</b>	kg/m <sup>3</sup>	460	390	370	360
<b>1 m<sup>3</sup> field</b>	m <sup>2</sup>	40	20	13,3	10
<b>Pieces on pallet</b>	pcs.	40	20	14	10
<b>Thermal resistance (Ro)</b>	m <sup>2</sup> ·K/W	0,35	0,75	1,10	1,50
<b>Thermal conductivity (λD)</b>	W / m·K	0,066	0,066	0,066	0,066
<b>Specific heat (c)</b>	J/(kg·K)	2100	2100	2100	2100
<b>Min. level of tensile strength:</b>					
• <b>Bend (EN 12089)</b>	kPa	≥ 1300	≥ 700	≥500	≥300
• <b>Compression (EN 826)</b>	kPa	≥300	≥ 200	≥150	≥100
<b>Chloride content (EN 13168)</b>	%	≤ 0,15	≤ 0,15	≤ 0,15	≤ 0,15
<b>Reaction to fire (EN 13501-1:2007)</b>		B-s1, d0	B-s1, d0	B-s1, d0	B-s1, d0

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