

## TECHNICAL SPECIFICATIONS

CEWOOD construction panels are a natural, nature and human health friendly, easy handiness, excellent sound absorption, good thermal insulation and much better thermal inertia material produced in Latvia. Construction panels are made from high quality wood wool and grey cement and thanks to the natural materials, the panels perfectly provide the pleasant microclimate characteristic of wooden constructions in the premises.

### Application

CEWOOD construction panels are materials that do not change their properties during lifetime, they have the widest application in different building constructions:

- In demarcated constructions of buildings – walls, partitions, coverings, roof construction, etc.
- In building insulation – especially in wooden frame buildings, renovation of old buildings, increasing of building thermal inertia.
- Sound insulation solutions and permanent shuttering in monolith building.

### CEWOOD construction panels



### CEWOOD construction panels - 3,0 mm wood wool, grey cement

Thickness	mm	15	25	35	50	75	100
Size	mm	2400x600					
Dimensional tolerance (EN 13168)		L3; W1; T2; S2; P2					
Weight	kg/m <sup>2</sup>	7,0	11,5	14,5	19,5	28,0	36,0
Density	kg/m <sup>3</sup>	470	460	410	390	370	360

Thermal resistance (Ro)	m <sup>2</sup> ·K/W	0,20	0,35	0,50	0,75	1,15	1,55
Thermal conductivity (λD)	W/m·K	0,063					
Specific heat (c)	J/(kg·K)	1300					
Bend (EN 12089)	kPa	≥ 1700	≥ 1300	≥ 1000	≥ 700	≥ 500	≥ 300
Compression (EN 826)	kPa	≥ 300	≥ 300	≥ 200	≥ 200	≥ 150	≥ 100
Chloride content (EN 13168)	%	≤ 0,06 Class Cl3					
Reaction to fire (EN 13501-1:2007)		B-s1, d0					

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

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



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