

## Construction panels

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

Thermal resistance (Ro)	m <sup>2</sup> ·K/W	0,35	0,75	1,10	1,50
Thermal conductivity (λD)	W/m·K	0,066			
Specific heat (c)	J/(kg·K)	1300			
Bend (EN 12089)	kPa	≥ 1300	≥ 700	≥ 500	≥ 300
Compression (EN 826)	kPa	≥ 300	≥ 200	≥ 150	≥ 100
Chloride content (EN 13168)	%	≤ 0,15			
Reaction to fire (EN 13501-1:2007)		B-s1, d0			

CEWOOD construction panels are placed on 2400x600 mm wooden pallets.