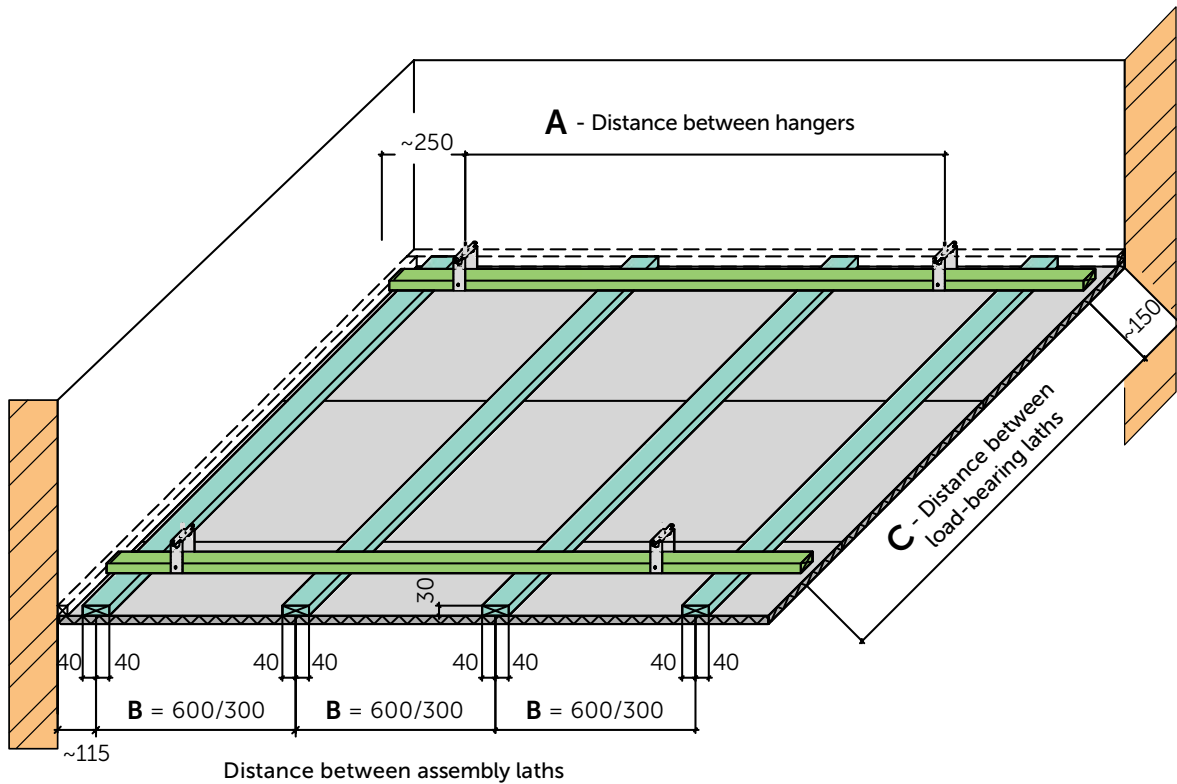


# Impact resistance guidelines

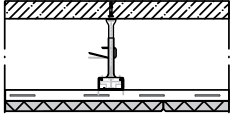
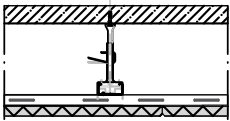
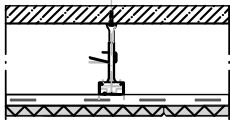
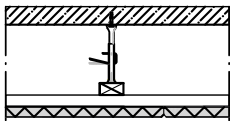
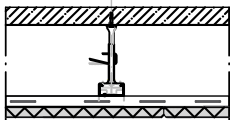
CEWOOD ceiling structures have passed the ball impact tests, so they can be safely installed in various sports facilities. All provided ceiling types have been tested and can be used only with a maximum substructure step of a **600** or 300 mm between profiles/laths.



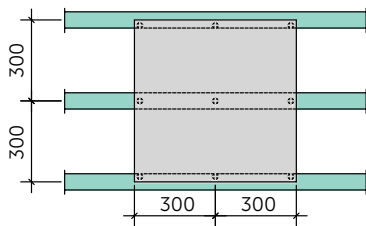
**Substructure scheme**



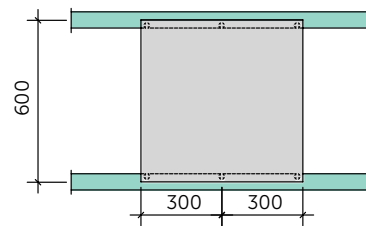
## Descriptions of constructions

Construction	Description	Substructure type	Distance A	Distance B	Distance C	Screws	Impact resistance class
<b>According DIN18032-PART3 and EN 13694/ANNEX D</b>							
	CEWOOD A2 35 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	≤900 mm	≤600 mm	≤900 mm	9 pcs/panel	1A
	CEWOOD A2 25 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	≤900 mm	≤300 mm	≤900 mm	15 pcs/panel	1A
<b>According DIN18032-PART 3</b>							
	CEWOOD 35 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	≤900 mm	≤300 mm	≤600 mm	15 pcs/panel	1A
	CEWOOD 35 mm panel 1200x600 mm, 600x600 mm	Wooden lath frame	≤900 mm	≤300 mm	≤600 mm	15 pcs/panel	1A
<b>According EN 13694/ANNEX D</b>							
	CEWOOD 25 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	≤900 mm	≤300 mm	≤900 mm	15 pcs/panel	2A

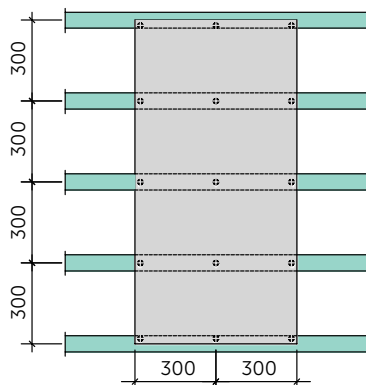
### Screw locations and count



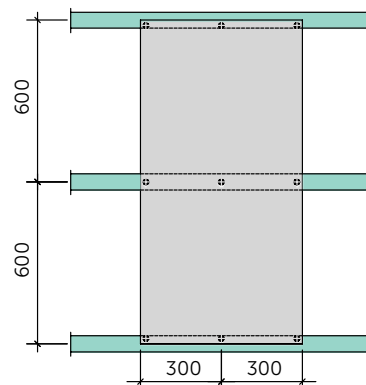
600x600 mm panels fasten with 9 screws



600x600 mm panels fasten with 6 screws



1200x600 mm panels fasten with 15 screws



1200x600 mm panels fasten with 9 screws