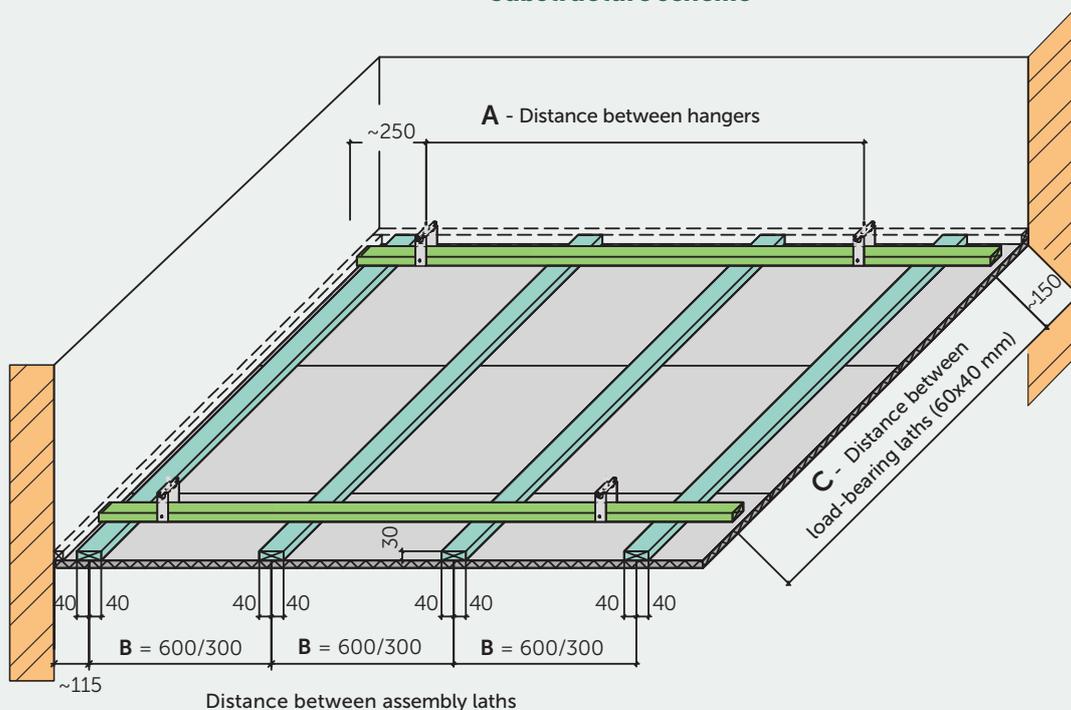


## IMPACT RESISTANCE GUIDELINES

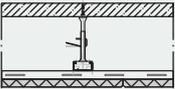
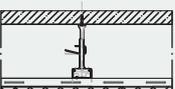
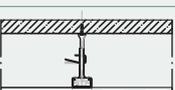
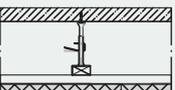
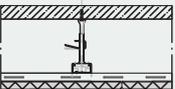
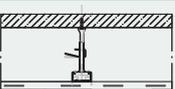
CEWOOD ceiling structures have passed the ball impact tests, so they can be safely installed in various sports facilities. All provided ceiling types have been tested and can be used with a substructure step of **300 mm** or **600 mm** between profiles/laths, depending on the selected ceiling construction.



### Substructure scheme



**IMPACT RESISTANCE GUIDELINES**
**Descriptions of constructions**

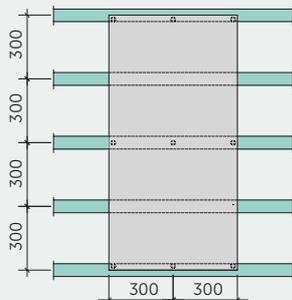
Construction	Description	Substructure type	Distance A	Distance B	Distance C	Screws	Impact resistance class
<b>According DIN18032-PART3 and EN 13694/ANNEX D</b>							
	CEWOOD A2 25 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	900 mm	<b>300 mm</b>	<b>900 mm</b>	9 pcs 1200x600 panel, 6 pcs 600x600 panel	1A
	CEWOOD 35 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	900 mm	<b>300 mm</b>	<b>900 mm</b>	9 pcs 1200x600 panel, 6 pcs 600x600 panel	1A
	CEWOOD A2 35 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	900 mm	<b>600 mm</b>	<b>900 mm</b>	9 pcs 1200x600 panel, 6 pcs 600x600 panel	1A
<b>According DIN18032-PART3</b>							
	CEWOOD 35 mm panel 1200x600 mm, 600x600 mm	Wooden lath frame	900 mm	<b>300 mm</b>	<b>600 mm</b>	15 pcs 1200x600 panel, 9 pcs 600x600 panel	1A
<b>According DIN18032-PART3 and EN 13694/ANNEX D</b>							
	CEWOOD 25 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	900 mm	<b>600 mm</b>	<b>600 mm</b>	6 pcs 1200x600 panel, 4 pcs 600x600 panel	2A
	CEWOOD 35 mm panel 1200x600 mm, 600x600 mm	Metal profile frame	900 mm	<b>600 mm</b>	<b>600 mm</b>	9 pcs 1200x600 panel, 6 pcs 600x600 panel	2A

**Screw locations and count**

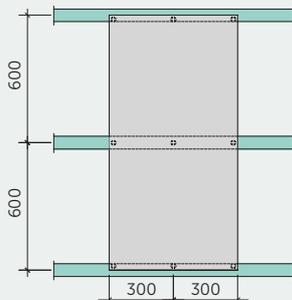

600x600 mm panels fasten with 6 screws



600x600 mm panels fasten with 6 screws



1200x600 mm panels fasten with 9 screws



1200x600 mm panels fasten with 9 screws

**Visualisation**
