

## CURVED PANEL CONSTRUCTION SYSTEM

CEWOOD Panels can be installed on curved wall constructions by modifying the panel to match the required curvature. Due to the material structure, the panels allow a certain degree of flexibility and can be slightly bent to follow the shape of the construction while maintaining stability and alignment. For radii above 10 m, this natural flexibility is sufficient, and the panels can be installed without any modification. For tighter curves, cuts must be made on the reverse side of the panel to enable controlled bending and to achieve the required curvature, with parameters defined according to the table.

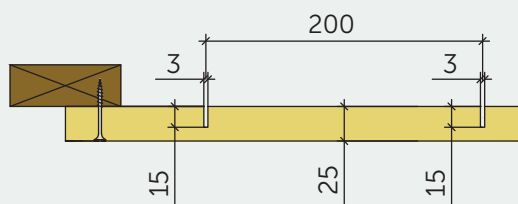
### Technical specifications for panels

Wood wool width	1.0 mm, 1.5 mm, other wood wool upon request
Panel thickness	25 mm
Panel size	1200x600 mm
Colours	natural painted, white, black, grey and any shade in RAL or NCS system upon request
Profiles	P0; P5; other profile upon request
Fire reaction class	B-s1, d0

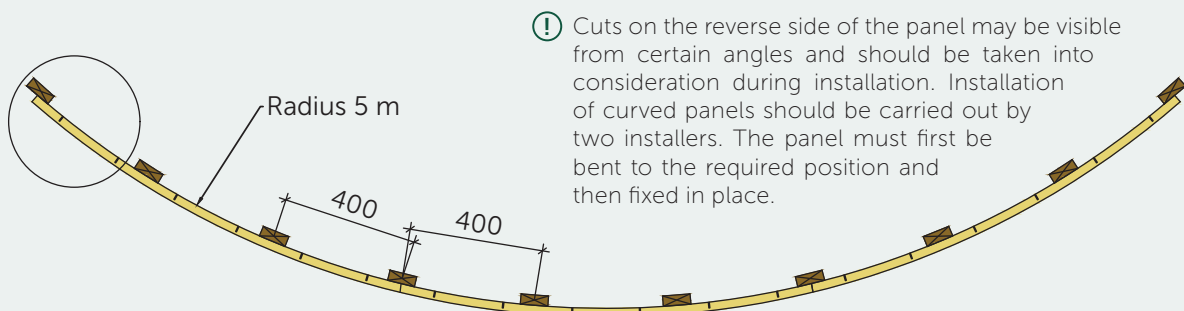
### Curved panel setup parameters by radius

Radius, m	Spacing between cuts, mm	Cut depth, mm	Cut width, mm	Spacing between laths/profiles, mm
2.5	50	18	3	300
5	200	15	3	400
10	no cuts needed	-	-	600
20	no cuts needed	-	-	600

### Panel setup for 5 m radius curvature



The installation principle shown in the detail (5 m radius) applies to different panel curvatures, with parameters adjusted according to the table. Screw positioning and installation details can be found in the document "Screw Installation Guidelines for Panels" available at [www.cewood.com/downloads-eng](http://www.cewood.com/downloads-eng)



- ⓘ Cuts on the reverse side of the panel may be visible from certain angles and should be taken into consideration during installation. Installation of curved panels should be carried out by two installers. The panel must first be bent to the required position and then fixed in place.