



**PRECURVED PANELS FOR EXTERIORS
NATURCLAD-W & NATURCLAD-B**

PARKLEX PRODEMA

How to install precurved panels for exteriors

Product	Panel description	Installation system	Thickness	Supporting frame spacing	Radius
NATURCLAD-W NATURCLAD-B	FACETED PANELS				
	FLAT PANELS	Exposed Fastening with Screws or Rivets	6 mm (1/4")	≤ 300 mm (12")	r: ≥ 3 m (10')
			≤ 8 mm (5/16")	≤ 400 mm (16")	r: ≥ 10 m (32')
			≤ 10 mm (3/8")	≤ 450 mm (18")	r: ≥ 20 m (64')
	PRECURVED PANELS	Exposed Fastening with Screws or Rivets	6 mm (1/4")	≤ 600 mm (24")	r: ≤ 3 m (10')
	PRECURVED CORNER PANELS	Exposed Fastening with Screws or Rivets	6 mm (1/4")		r: 50 mm

PARKLEX PRODEMA provides three different solutions for projects requiring the installation of NATURCLAD panels in curved walls:

- Using flat panels if the surface can be faceted
- Using standard panels for radii greater than 3 m*
- Using pre-curved panels for smaller radii



Curved Surfaces with Faceted Panels

The curving technique consists of using flat (standard) panels to create a faceted, curved surface. Select the installation method appropriate for the project and follow the technical instructions.

Curved surfaces with flat panels

Each radius requires a specific panel thickness. In the event of wanting to use thicknesses other than those detailed below, or to create a curve against the grain, consult the PARKLEX PRODEMA technical department.

Curved panels can only be installed using Exposed Fastening with Screws or Rivets. Ask for this specific instruction to the technical department or download it in the webpage.

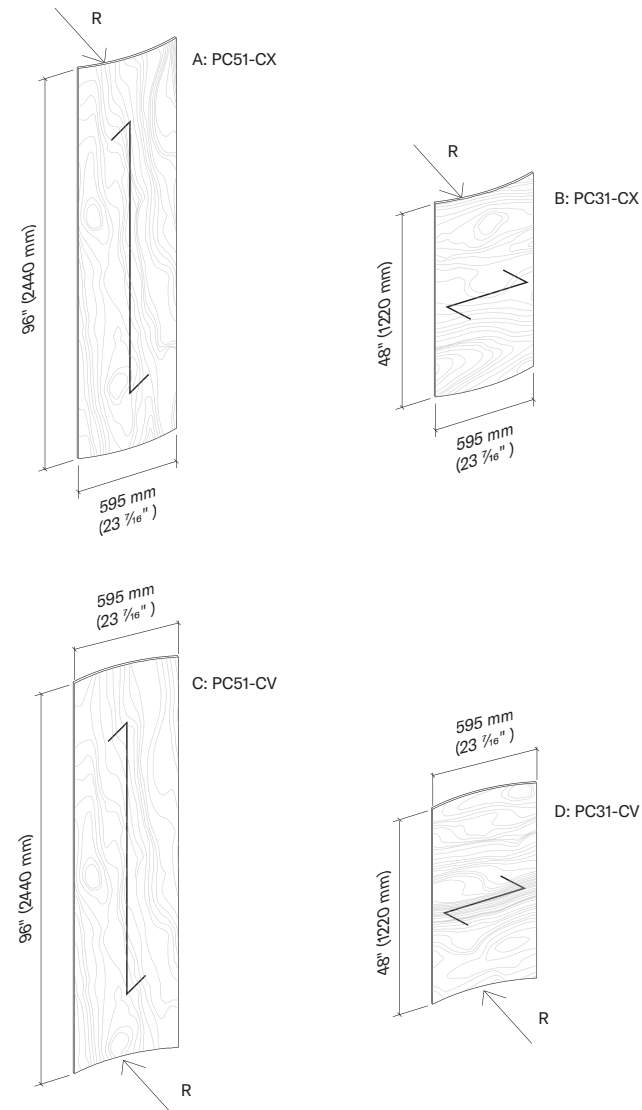
When installing the panels on a curved structure, the distance between profiles must be reduced. The distance between the center of the fastening and the edge of the panel must be between 20-25 mm (3/4"- 1").

CURVATURE RADIUS	THICKNESS	DISTANCE BETWEEN PROFILES
≥ 3 m (10')	6 mm (1/4")	≤ 300 mm (12")
≥ 10 m (32')	≤ 8 mm (5/16")	≤ 400 mm (16")
≥ 20 m (64')	≤ 10 mm (3/8")	≤ 450 mm (18")

* This table indicates the achievable radii of curvature for a panel measuring 2,440x1,220 mm (96"x48"). A lighter radius can be achieved when the width of the panel is reduced.

Precurved NATURCLAD panels

Smaller radii than 3 m (10') can be achieved using pre-curved panels. PARKLEX PRODEMA provides 6 mm (1/4") thick concave and convex pre-curved NATURCLAD panels with different radii, depending on project needs.



Dimensions vary depending on the direction of the selected grain.

Available radii:

- 0.33 m (1')
- 0.5 m (1' 7")
- 1 m (3' 3")
- 2 m (6' 6")
- 4 m (13' 1")

Pre-curved panels are only installed using Exposed Fastening with Screws or Rivets -download it in the webpage or ask for this specific instructions to the

technical department-, with a distance between profiles of ≤ 300 mm (12"). The selected panel's curvature radius has to be as close as possible to the required radius, but always higher. The available radii of pre-curved panels can later be adapted on site to meet any specific curvature requirements.

To choose the most suitable curvature radius, please contact the PARKLEX PRODEMA technical department.

NATURCLAD precurved corner panels

PARKLEX PRODEMA provides 6 mm-thick (1/4") precurved cladding pieces for concave or convex corners using Exposed System -download it in the webpage or ask for this specific instructions to the technical department- with a 50 mm radius, to suit both vertical and horizontal wood grain directions.

