PERMASTRUCT®
Alternative, Clever

Perma Jack gives you the ability to create elevated decking solutions. Whether you need to raise your decking by 10mm, 220mm, or anywhere in between, our adjustable decking pedestal system offers the flexibility you need to achieve your desired deck elevation.

PERMA JACK ADJUSTABLE PEDESTAL

Features

- Corrosion Resistance
- Waterproof
- Adjustable height screw system
- Easy installation
- Entirely recyclable
- High Strength

Pictures

PP 10 - 15

PP 18 - 30

PP 30 - 60

PP 60 - 80

PP 60 - 140

PP 140 - 220

Order Codes

Description	Code
Range from 10mm to 15mm	PP 10 -15
Range from 18mm to 30mm	PP 18 - 30
Range from 30mm to 60mm	PP 30 - 60
Range from 60mm to 80mm	PP 60 - 80
Range from 60mm to 140mm	PP 60 - 140
Range from 140mm to 220mm	PP 140 - 220

Specifications

Material	PP/ABS
Fixed Component Dia.	92 mm
Height Extension Componenet Dia.	74 mm
Joist Width	30 - 100 mm
Max. Loading Bearing	4 kN
Height Adjustment Range	10 - 220 mm

Pedestal Span Chart

Maximum Allowable space between pedestal under 3 kPa loading

	Joist Spacing(mm)				
	350	400	450	500	550
RHS 25x50x6.4 FRP	600	550	500	500	450
RHS 32x52x5 FRP	700	650	600	600	550
SHS 50x50x6.4 FRP	1100	1000	1000	950	900
CS 90x53x6 FRP	1550	1450	1450	1400	1400

Maximum Allowable space between pedestal under 5 kPa loading

Joist Spacing(mm)				
350	400	450	500	550
500	500	450	400	400
600	550	550	500	500
900	900	850	800	800
1350	1300	1250	1200	1150

The loads specified represent static loading conditions at ambient temperature for a simply supported beam.
Deflection shall not exceed the limit of L/250, or 5mm for pedestrian comfort.
Lateral restraint is required for spans over 600mm.
The beam's self-weight is excluded in the table above.
Dimensions may vary by ±3mm due to manufacturing tolerances.
Please note that the values and specifications provided are performance-based and must be verified through certified test results of actual products manufactured for any specific order.
The table is based solely on the profile's deflection limits under static loading; additional design criteria must be evaluated by the designer.

Email us: info@permacomposites.com
Call us: 1300 366 938

PERMA JACK INSTALLATION GUIDE

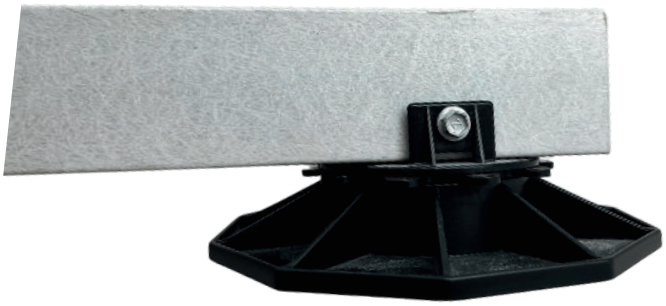
Perma Jack's range of fully adjustable pedestals offers a straightforward solution for elevating your subframe without the need for posts. With various pedestal options available, you can easily find the right fit for your specific project. When determining the required height for your decking, be sure to account for the adjustable height of the pedestal, the thickness of the joists, and the thickness of your PermaTimber decking.

Steps:

1. Laying the Pedestals
Begin by placing the pedestals at the edge of the intended area, arranging them in a linear grid pattern. Ensure the pedestals are spaced according to the joist size you are using (refer to PermaStruct® Perma Jack datasheet).

2. Placing the Joists on the Pedestals
After your pedestal system is properly positioned and aligned, lay each joist across the pedestal grid. The joists should run perpendicular to the PermaTimber® decking boards. If necessary, use slope correctors to adjust the height and angle of the joists. Use a spirit level to ensure the joists are even and within tolerance before installing the PermaTimber decking.

3. Securing the Joists to the Pedestals
Once the joists are in place, secure them by screwing through the joist cradle and into the side of the joist. Each joist should be fastened with one screw per pedestal. If two joists meet on one pedestal, there is space for two screws.



4. Securing Joists at Butt Joints
Butt joints must be supported by a pedestal, and a 15mm expansion gap should be left between the ends of two adjoining joists.

5. Laying the Decking Boards
Once your subframe is securely in place, proceed to lay the decking boards over the frame. Follow the instructions in our PermaTimber Eco Decking Installation Guide for best results.

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