

Uni-Pier Theory – How they Work

Uni-Pier are a two (2) Part system comprised of a Uni-Pier Head (with integrated antcap* and fin plate) and a Uni-Pier Post (with integrated base plate).

There are two grades available and two types of Heads (Telescopic or STH) available.

1. **Builders Grade 65 x 65mm x 2mm Uni-Pier Post**
2. **Heavy Grade 75 x 75mm x 2.5mm Uni-Pier Post**

TELESCOPIC ADJUSTABLE HEAD*

The Uni-Pier Telescopic Head provides the adjustment. The Uni-Pier Telescopic Head slides over the top of the Uni-Pier Post for Builders Grade and slips inside the Uni-Pier Post for Heavy Grade.

The Uni-Pier Telescopic Head provides you with up to 200mm of adjustment. The Uni-Pier Head Sleeve is 300mm in length and is designed so that you have a minimum of 100mm of overlap in order to screw the Uni-Pier Head to the Uni-Pier post via 14-20 x 22 Self Drilling, Self Tapping, Galvanised, Class 4 Metal Tek screws. We recommend a minimum of six (6). Each Metal Tek screw is designed to carry a load of 800kgs.

UNI-PIER STH (Adjustable Screw Top Head)

The Uni-Pier STH (Adjustable Screw Top Head) works in exactly the same way as the Uni-Pier Telescopic Head. The difference is that the sleeve is 200mm in length and the 200mm worth of adjustability is shared between 100mm of Telescopic Adjustment + 100mm of Screw Adjustment - simply by the turning of the nut.

As the Sleeve is just 200mm in length, the minimum height actually attained by a Uni-Pier 200mm Post and STH Head combination is 255mm.

Eg : 200mm Post + STH = 255mm to 455mm adjustability

400mm Post + STH = 455mm to 655mm adjustability and so on.

HOW THEY WORK

The rule is to select a Uni-Pier Post which is the closest to the underside of your desired height. Uni-Pier Posts start at 200mm and increase in length of 200mm increments ie 200mm, 400mm, 600mm, 800mm etc and continue this way to 4000mm (for Builders Grade) and 5000mm (for Heavy Grade).

If your desired height is say 950mm, then you would select the 800mm Uni-Pier Post and the Uni-Pier Head would be adjusted up 150mm to reach your desired height.

If it were 1195mm, then you would select the 1000mm Uni-Pier Post and adjust the Uni-Pier Head accordingly to reach your desired height.

NB. Telescopic System: If your desired height is less than 300mm then cutting of the Uni-Pier Head Sleeve will be required. Remember the Uni-Pier Head Sleeves are 300mm in length therefore the minimum height is in fact 300mm.

NB. STH System: If your desired height is less than 255mm then cutting of the Uni-Pier Head Sleeve and Post will be required.

Remember to coat the exposed metal with either a cold gal or 2 part epoxy.

* Also available without Antcap

PLEASE REFER NEXT PAGE FOR ILLUSTRATIONS



FOR MORE INFORMATION CONTACT:

Uni-Pier Australia Pty Ltd ACN 131 900 546

1300 366 362

www.unipier.com.au



