



## Uni-Pier Theory – How they work

Uni-Pier are a 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 available.

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

### Traditional Uni-Pier Telescopic Head

The Uni-Pier Head provides the adjustment. The Uni-Pier 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 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 in order to screw the Uni-Pier Head to the Uni-Pier post via 14-20x22 self drilling, self tapping, galvanised, class 4 Tek screws. We recommend a minimum of six (6). Each Tek screw is designed to take a load of 800kgs.

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 : 200mm, 400mm, 600mm, 800mm etc all the way to 4000mm (for Builders Grade) and 5000mm (for Heavy Grade).

Eg : 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 or even 1200mm you would select the 1000mm Uni-Pier Post and adjust the Uni-Pier Head accordingly to reach your desired height.

There is no cutting or waste involved.

However if your desired height is less than 300mm then cutting of the Uni-Pier Head Sleeve will be required. Remember the Uni-Pier Heads are 300mm in length therefore the minimum height is in fact 300mm.

As Uni-Pier are hot dipped galvanised, the exposed metal will need to be coated with either a cold gal or 2 part epoxy.

### Uni-Pier STH

The new Uni-Pier STH (Adjustable Screw Top Head) works in exactly the same way as the Traditional 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 attained by a Uni-Pier Post and Head combination is 200mm. With this system, adjustment between 200mm and 400mm is achieved with no cutting required and therefore no waste.

**PLEASE REFER NEXT PAGE FOR ILLUSTRATIONS**

