



## Uni-Pier Theory – How they work

Uni-Piers 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.

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

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 is 300mm in length and are 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 5000mm.

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

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