

Outline: Skid bases, platforms or many other types of frames are frequent items that require hot dip galvanising. Often these frames have cross members or bracing running through the middle of them in the form of PFC, UB's or UC's. These types of steel sections which are not hollow are often over looked for venting and draining but still require the appropriate holes to ensure no zinc or air traps can occur.

Specifics:

As most frames are wider than they are high, in order to fit them into the bath we need to turn them on their side. In doing this it creates both zinc and air traps in the steel sections which we need to eliminate. The best way of eliminating these traps is to crop the corners of the steel sections as seen in figure 1. Doing this at the end of each section will allow either the zinc to drain out or the air to vent out, ensuring a higher quality product.

Figure 1.



Drilling holes in the ends is also acceptable but is not the best practice as it is difficult to get the drill bit close to the edge of the section. If the holes are a small distance away from the edge it can still create small traps which may require touch ups.