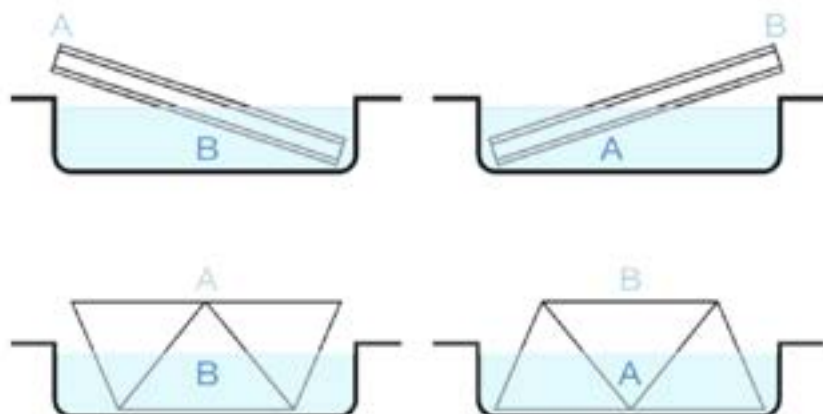


DOUBLE DIPPING

At Highland, we want to give you the best coating finish possible and it is our aim to educate and provide awareness to our customers. The purpose of this information sheet is to provide specific guidance, targeted at areas within the fabrication process, that will lead to a better understanding of the finished product. Anything that is made of mild steel can be galvanized but occasionally when an item is too long or too high to be dipped in one go into the molten zinc bath it is known, in the galvanizing industry, as double dipping.



This procedure involves dipping the majority of the item then turning it around and dipping the second part to match the join, as illustrated. The process leaves a small virtually unnoticeable join where the two dips have overlapped which fades over time.



Some examples of double dipped items



Galvanizing Bath Dimensions

At Elgin -
10.5m long x 2.5m deep x 1.1m wide

At Cumbernauld -
7m long x 3m deep x 1.2m wide

The size of the material that can be double dipped does depend on the length and depth of the item in comparison with the dimension of the galvanizing bath.

So remember always contact the galvanizer first to confirm if an item can be processed.

Should you wish any further information please do not hesitate to contact one of our experts on Elgin – 01343 548855 or Cumbernauld – 01236 731444 or alternatively email any enquiries direct to our technical team at design@higalv.co.uk