

Commonly asked Questions

Why?

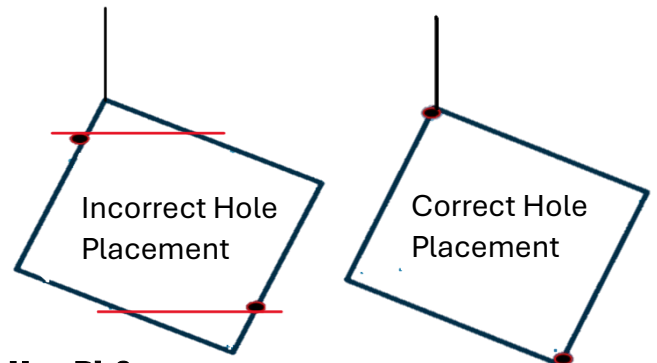
If Products are not correctly vented, the molten zinc cannot flow freely across the material both inside and out. This can cause the molten zinc to 'air lock' causing some parts of the material to not galvanise or float in the zinc. Lack of venting holes can also cause a 'blow out' where unvented material can explode in the bath, causing the molten zinc to overflow and potentially damage material.

Where?

Holes should be drilled at the highest and lowest point of each hollow box section on diagonally opposite faces to allow for adequate airflow. The holes should be drilled as close to welds / Corners of the material as possible without jeopardising the cosmetics of the material.



Solid Steel material does NOT require venting holes. Only hanging holes



How Big?

The holes drilled should be on average 8mm, but this can vary depending on the size of the material. The larger the hollow section in the material, the larger the holes are required to be, on average the largest hole NK coatings have drilled is approx. 20mm.

What happens if I don't?

If your material requires extra venting, a discrepancy email will be sent to your accounts contact email by our goods in team in the office. Material will not be processed without the required venting holes for the safety of our workers. If you require guidance on the placement of holes on your material, please contact one of our members of staff by phone or email

What if I Internally Vent?

If you have internally vented your material, proof will need to be shown to the production team before it can be processed. This includes pictures of the internal venting as the fabricator is assembling the material. If there is not sufficient proof of internal venting, The material will NOT be processed