

Notes to accompany the delivery of Zingaised Steelwork

Your steelwork has been galvanised using a unique Cold Galvanising Process which relies on the specialist product “Zinga”. Although Zinga provides comparable cathodic protection to Hot Dip Galvanising it does have some basic differences which this sheet aims to explain:

- All steelwork will be a uniform matt light-grey colour when delivered and not the bright silver of HDG. This difference is fundamental to Zinga’s ability to prevent corrosion for longer than HDG.
- The grey powdery appearance is an oxide layer on the surface of the Zinga. If scraped off, a silver finish can be observed underneath – this is pure zinc.
- During transportation or rough handling the steelwork may assume a rough or “patchy” appearance. This is due to the oxide layer being abraded in certain areas and has no affect whatsoever on the performance of the coating. The surface will return to a uniform matt finish after a few days exposure to the weather.
- During assembly operations the oxide layer may be scratched to reveal the pure zinc below. Any areas of bright silver appearance will return to a matt finish after a few days exposure to the weather.
- Once assembled the Zingaised steelwork can have additional coats of Zinga added, if required, up to a maximum of 200 microns d.f.t. This will increase the protection of the coating and can be done by using all the normal application techniques (aerosol cans, spray, brush etc.).
- If any mechanical work such as welding or cutting is required then to maintain the coating’s integrity the exposed steelwork or weld seams will require abrasive blasting and coating as per specification.
- In the future if the Zingaised steelwork requires either a topcoat or a recharge of Zinga then please refer to the data sheets contained on the website www.zinga-uk.com or contact Zinga UK directly.