

FAQ Concerning Galvanising

Q. Why have my Galvanized Railings, Fence or Posts gone Rusty?

A. Hot Dip Galvanizing (HDG) Is the most effective method of protecting ferrous metal from corrosion. The coating applied is Zinc metal which is sacrificial, therefore it must be determined for how long the coating has been applied and in what atmospheric situation to which it has been subjected. Please contact our technical department for further in depth information.

Q. Why can't I use cheap silver paint to touch up galvanizing?

A. Paint is simply barrier protection and will not last very long. We only supply cathodic protection metallic zinc. Correctly applied you can expect around 40 Years protection assuming 110µm coating.

Q. What standard should I look for with Zinc Rich Paint?

A. International standard 3549 – Zinc Dust Pigments for paints. This specifies metallic Zinc spheroids (not flakes) 94% minimum. It also sets maximum limits for Lead, Cadmium and Arsenic.

Q. Why not use Zinc Oxides or Phosphate Paint?

A. Oxides and Phosphates are primers – unable to provide sacrificial protection to steel.

Q. What do Galvanizers use?

A. ISO 1461 specifies repair and renovation methods for Hot Dipped Galvanizing on fabricated iron and steel articles. Metatec-Metaflux zinc rich coatings are fully compliant with ISO 1461.

Q. Do you provide method statements?

A. Yes, free of charge to our customers.