

# Galvanise & Powder coating

Life to First Maintenance:	25 years
Environment:	C1, C2
Standard:	BS EN ISO 1461:1999 & 12944:2007
<hr/>	
Items:	Fabricated structural or architectural steelwork
Preparation:	Upon pre-dip galvanised steel - (usual 85 microns) either (mechanical) - low pressure 40 PSI evenly 'sweep blast' using garnet abrasive or (chemical) - full saturation wash-down to de-grease and mordant 'T' wash.
First coat:	De-gas inside stoving oven
Second coat :	Electrostatic applied polyester powder coat (60-120 microns)
Packaging:	Wrapped in foam, bubble wrap and cardboard onto pallets or bearers wherever possible
Site coating:	Not available. However, specialist overcoating in wet spray epoxy can be achieved if coating damaged.
Process documents:	On request, all projects can be traced via process inspection reports, calibrated micrometer readings and a final certificate of conformity issued.
<hr/>	

**Notes** The use of powder primer is entirely optional, but recommended. The above specification can be achieved in any RAL, BS or 381c code, plus architecturally approved grade powder, usually from stock. Hot dip galvanising required de-gassing in the first instance to help prevent pin-holing. Preparation of dip-galvanising can be either etched mechanically or chemically. Wherever possible, specify a mechanical bond as it will always out-perform a chemical one.