

Factors	Zinga	Zinc Thermal Spray
ph limitations	atmospheric: 5.5 – 12.5 immersion: 5.5 – 9.0	atmospheric: 5.5 – 9.0 immersion: 5.5 – 9.0
Expensive specialised application equipment	No	Yes
Production of toxic smoke during application	No	Yes
Distortion of components	None	The application heat can distort metal
Porosity in the finish	No	Yes
Must be sealed within four hours with an epoxy coating	No	Yes, to prevent contamination from entering the porous surface of the zinc
Additional health and safety issues	No	Yes. Gas and naked flames are involved
The surface must be completely dry before application	No	Yes
Fully weldable	Yes	No. All mating edges must be ground back to bare metal
Over-coat with paints	Yes	No. The zinc must first be treated and then etch-primed
The zinc can be re-loaded	Yes, at any time	No. Can only be re-loaded with Zinga
Easy site application	Yes	Not possible
Repairs to hot dip zinc	Yes	Not possible