

Galvanizing

Hot dip galvanizing is a process in which steel is coated with a layer of zinc by being submerged in a molten zinc bath. It's also the most effective corrosion protection for steel available today. The layer of zinc which is applied forms a metallurgical bond with the steel; actually becoming part of the surface. So it won't peel away, crumble, or crack even in the most adverse conditions. Hot dip galvanized steel also has the unique ability to protect itself. If surface scratches occur during shipment or assembly, zinc from the surrounding area will protect the damaged spot by natural electrochemical action. This prevents rust from forming and gaining a foothold. Zinc galvanizing provides steel with decades of protection, minimizing maintenance and replacement costs, and maximizing the steel's lifespan.



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