



## **GALVANIZING PROCESS**

### **Definition** (Merriam-Webster Dictionary):

- To coat (iron or steel) with zinc; especially to immerse in molten zinc to produce a coating of zinc-iron alloy (Hot Dip) or
- To spray (Cold Spray) with zinc to achieve a coating of zinc-iron alloy.

### **Process:**

- **Cold Spray Galvanize** (Example Only)

Champion Sprayon® Cold Galvanizing 95 is a complete zinc metal spray with rust proofs any metal surface with thorough protection that lasts for years. It is equivalent to a hot galvanizing treatment as it fuses and adheres to all metal surfaces, stopping corrosion immediately. Zinc used in this product is 95% pure. Coated surfaces can be welded safely without fire or fumes.

- **Hot Dip Galvanize**

The term Hot Dip Galvanized Steel is often the generic term used for the following protective coatings: Galvanized, Galvalume, Galvanneal, Galvanize Type 2 or other zinc coatings or zinc alloy coating for flat rolled steel.

### **Properties:**

- Fuses to metal
- Stops or buffers corrosion immediately
- Conforms to military specifications MIL-P-21035 USAF, MIL-P-26915A, MIL-P-46105 and all revisions
- VOC compliant in all states