

DiSTeK N.A. is proud to introduce to the North American market, a new paradigm in galvanizing. **ArmorGalv®** makes possible, for the first time, to incorporate totally new concepts in metal finishing.

HEFC™: Hydrogen Embrittlement Free Coatings:

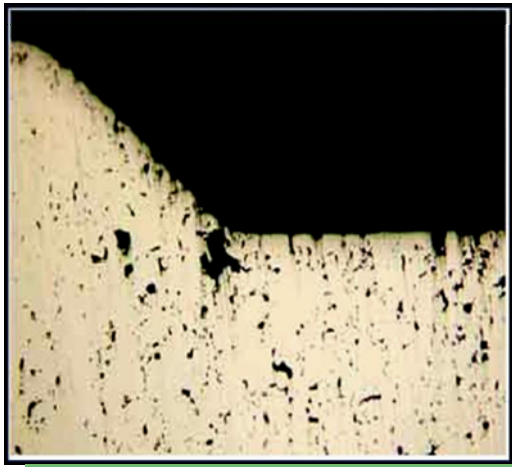
There are many coatings that can avoid hydrogen embrittlement, but **none** can **relieve** embrittlement that already exists in a part prior to processing.

ArmorGalv® can do just that!

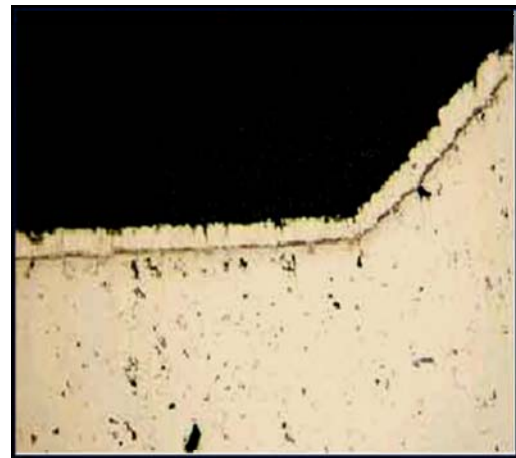
SSIC™: Surface to Substrate Integrated Coatings:

ArmorGalv® is not merely a sacrificial coating. **ArmorGalv®** coats and penetrates the surface of any steel part, including POWDERED METAL (with no impregnation required!) to become integrated with the part that is:

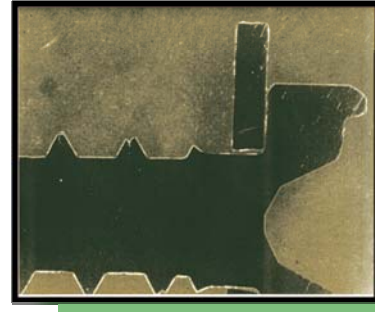
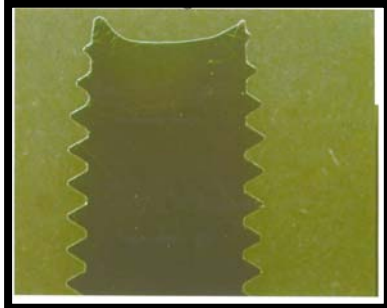
- Highly Corrosion and Abrasion Resistant
- Controllable and Precise - Thicknesses from 0.0003" to 6 Mils!
- Hard, Non-Magnetic, Weldable and Spark-Free
- Chip Proof and Amenable to Crimping and Bending
- Highly Heat Resistant (650°F continuous service)
- Excellent Base for Paint, Powder Coating and Rubber Bonding
- **TOTALLY HEAVY METAL FREE - NON TOXIC**



Powder Metal Part
Before **ArmorGalv®**



40 microns
Powder Metal Part
After **ArmorGalv®**



Notice coating coverage between washer and screw shank.

That's **TPPC™!**

M6-25microns(1 mil) of **ArmorGalv®**

ArmorGalv® Forms Corrosion Resistant Zn/Fe Phases Whose Corrosion Products Themselves Protect Against Corrosion – Patina Forming.

- **ArmorGalv®** is applied in a **dry** state using heat.
- **ArmorGalv®** requires no flow-through waste treatment system.
- **ArmorGalv®** produces practically **NO** hazardous waste.
- **ArmorGalv®** uses an extremely small amount of water compared to electroplating or mechanical plating.
- **ArmorGalv®** is cost competitive with other available coatings currently in use.
- **ArmorGalv®** is an effective replacement for hot dip galvanizing, *especially* for bulk and cast iron parts.



ArmorGalv® is :

The 2006 winner of the prestigious:
EPA *National Pollution Prevention Roundtable's* (NPPR)
*Most Valuable Pollution Prevention (MVP2) Award*¹

¹ <http://www.p2.org/p2week/2006Winners.cfm>
(Under: EPA ORD Cincinnati – UnStain)

