



American Galvanizers Association *Galvanize It!* Seminar Program Outline



1-Hour Duplex Systems: Coating Galvanized Steel (HSW Credit) (Scheduled – Classroom)

- I. Introduction and Learning Objectives**
 - a. Corrosion Protection & Color

- II. Hot-Dip Galvanizing**
 - a. Hot-Dip Galvanizing Process
 - b. Corrosion Protection
 - c. HDG in USE: Durability
 - d. Longevity
 - e. Availability & Versatility
 - f. Galvanizing is Green

- III. Why Duplex?**
 - a. Why Coat Galvanized Steel?
 - b. Synergistic Effect
 - c. Economic Benefit
 - d. Cost Case Study

- IV. Specifying Duplex Systems**
 - a. Communication is Key
 - b. Assign Responsibility & Accountability
 - c. Pertinent Specifications

- V. Preparing the HDG Surface**
 - a. Steps to successful Duplex Systems
 - b. Zinc Patina Formation
 - c. Identifying Surface Condition
 - d. Clean the Surface
 - e. Profile the Surface
 - f. Coat the Surface

- VI. Summary**