

The Dr. GALV Problem Solving Clinic

The Question and Answer Forum

reaction continues for a short time (as long as the heat is high enough). Because the only free zinc is the material on the work, it is quickly consumed leaving only zinc-iron alloy on the surface. From a corrosion standpoint, the protection is good. However, the appearance will be anything from a mottled gray to completely dull gray.

2. Sometimes our customers complain about the "mottled" appearance of our work. What should I tell them?

For the most part, a "mottled" appearance is a result of the zinc on the surface alloying with the steel. When a reactive steel is removed from the galvanizing kettle, the zinc/steel