

The Dr. GALV Problem Solving Clinic

The Question and Answer Forum

1. *I have had a request from one of my customers to galvanize some stainless steel items. Can I do it? Should I do it?*

The good news is that stainless steel will generally galvanize with no problem. The bad news is that there can be a problem mixing stainless and zinc. If the material coated with zinc should reach temperatures above 1380°F, and if the steel is austenitic stainless, cracking may occur. A paper, written by St. Joe Zinc Company on the subject and published in 1979 titled "Zinc and Stainless Steel" is available. Please contact the AGA office if you need a copy or for more details.