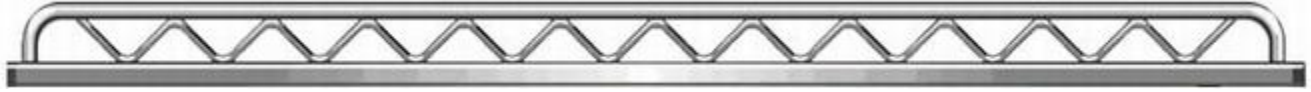


Performance of Galvanized Coatings



Unprotected steel can be seriously damaged due to such environmental factors as rain & snow, wind, and extreme temperature. Corrosion transforms steel back to its natural state of iron, which is very fragile and can weaken structures supporting heavy pressure. The best way to avoid this is through a process called “hot dip galvanization.”

Galvanized coatings have a proven performance under numerous environmental conditions. The galvanized zinc coating literally becomes part of the steel substrate thus; an adhesion bond on the order of several thousand psi (pounds per square inch) exists between the two. Also, since the zinc/iron alloys are harder than the underlying steel, they will provide excellent abrasion resistance to the galvanized steel. Hardness and adherence combine to provide the galvanized coating with unmatched protection against damage caused by rough handling at the job site as well as during its service life.

Other coatings damage easily during rough handling on the job site. If the galvanized coating is physically damaged, it will continue to provide protection to the exposed steel. “Because of the long life of the hot dip galvanized coating and its virtually maintenance-free performance, galvanizing is consistently a better value than paint over a structure’s life.”
(American Galvanizers Association)

Galvanizing durability and lifetime performance make it the logical choice for **Topper** cargo carriers.