

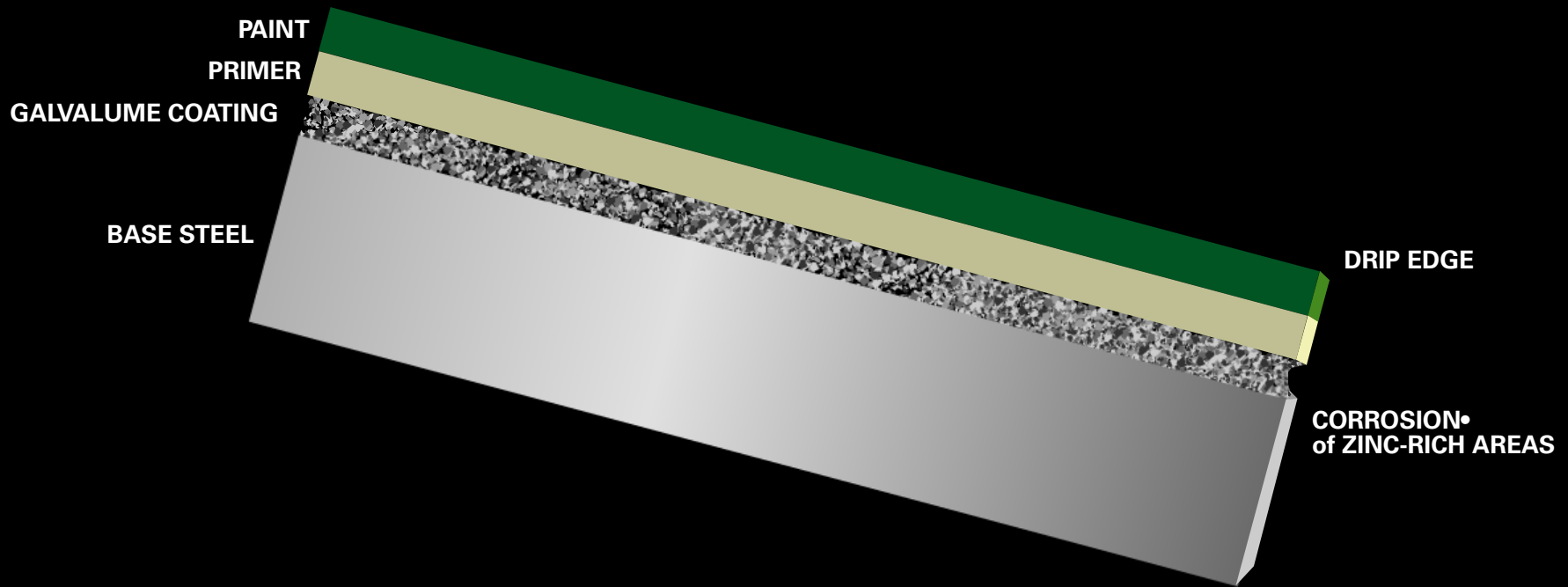
Why Do Steel Prices Vary So Much ?

The two major contributing factors that effect the price of steel:

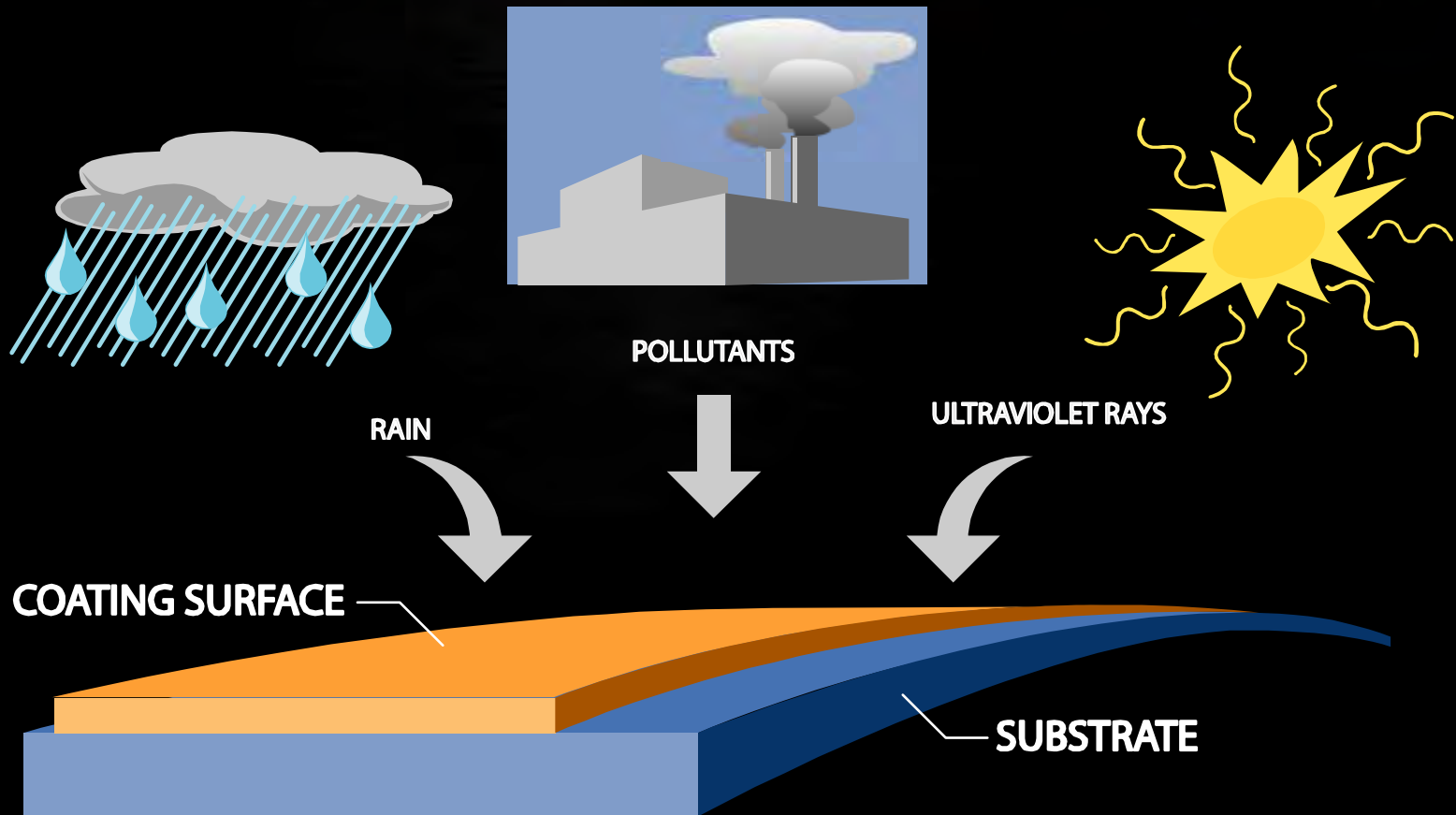
1. Weight
2. Metallic Coating

Prepainted Galvalume®

Prepainted Galvalume® exhibits a different corrosion behavior along the drip edge. The Zinc-rich areas will tend to sacrifice itself, if exposed, leaving an aluminum-rich region to retain the bond with the paint and provide barrier protection.



Why Coatings Fail?





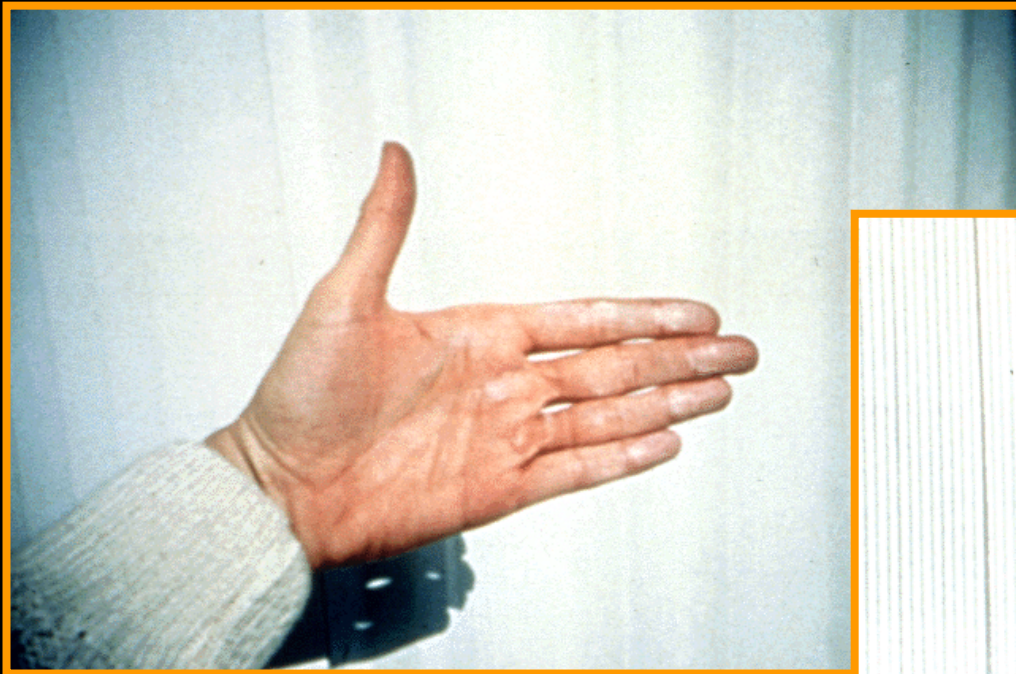
What Causes Chalking?

Chalking is caused by degradation of the resin system at the surface of the finish, due predominantly to ultraviolet (UV) rays.

As the resin system breaks down, resin particles take on a white appearance, as imbedded pigment particles lose their adhesion to the film.

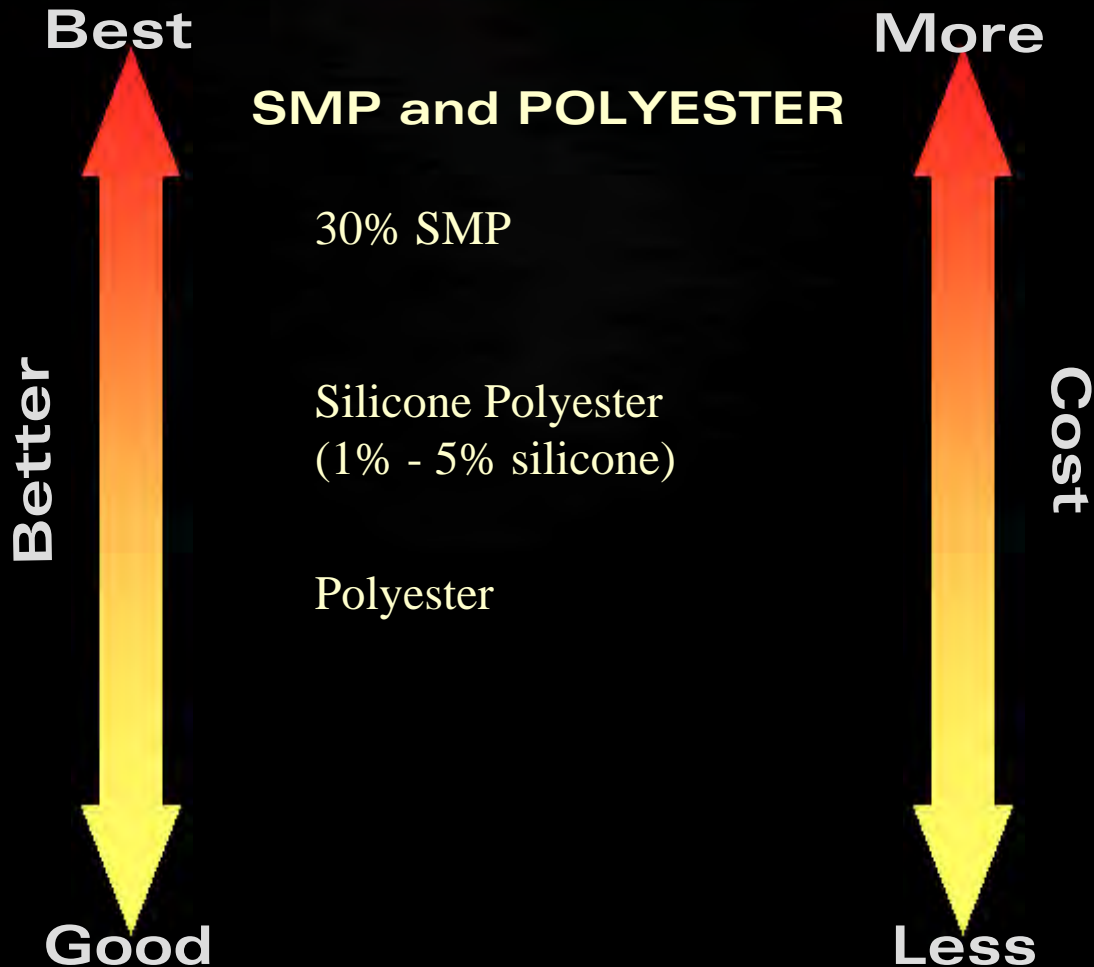


Failure in the Resin System Causes Chalking





Failure in the Resin System Causes Chalking



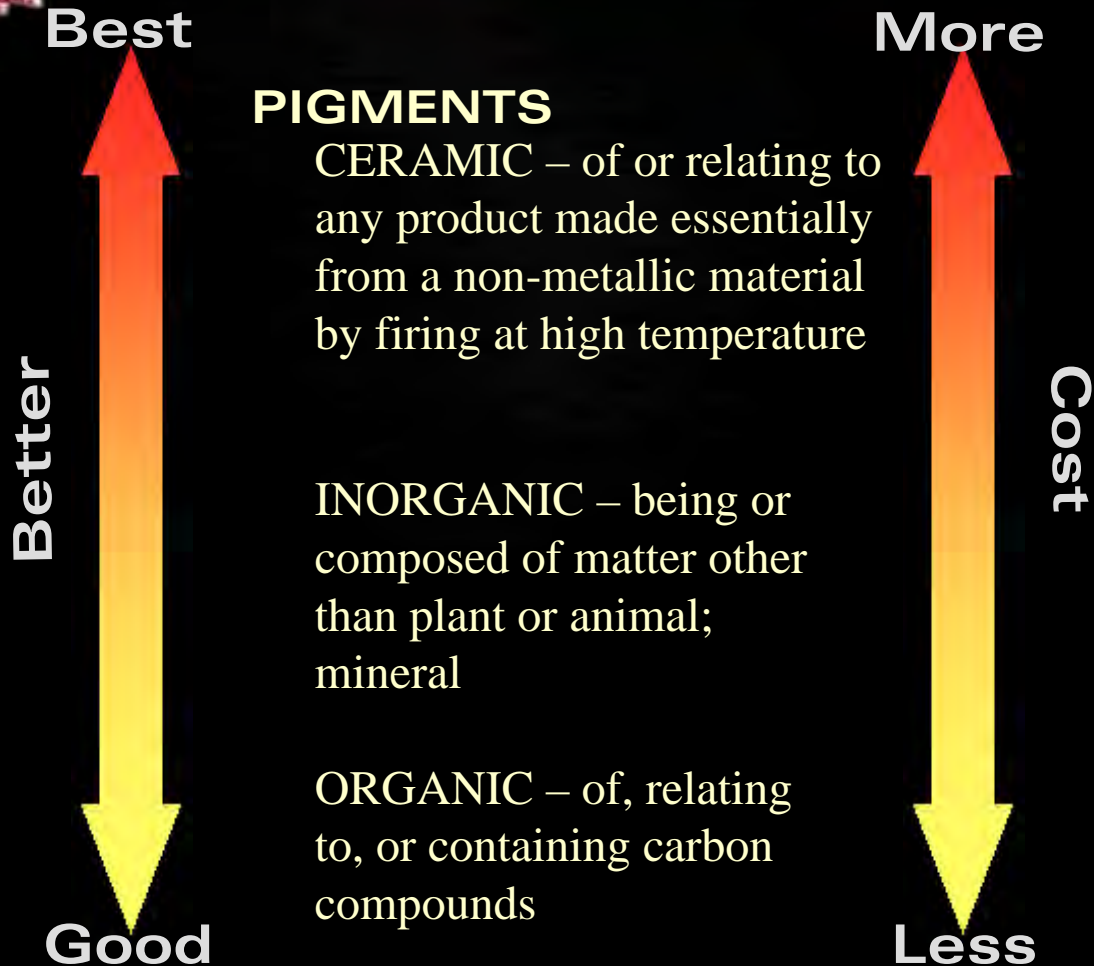


Failure in the Pigment System Causes Fading





Failure in the Pigment System Causes Fading



Recycled Material

- Steel is infinitely recyclable.
- Steel is the most recycled material in North America. More than 500 million tons have been recycled.
- The metal making process of roofing materials utilizes 50% of recycled metals or scrap. This figure can reach 100% in certain processes.
- Steel is the easiest and most economical material to remove from the solid waste stream.

