

Plating Comparison Chart

Product/Finish	Finish Content	Finish Application	Recommended Applications	Coating Life and Product Guarantees	Comparative Advantages	Disadvantages
Zinc Shiny Silver Finish	Zinc Phosphate	Electrically	Minimum Corrosion Resistance for all Carbon Steel Fasteners	24 Hour Salt Spray Certification According to ASTM B117	Price	Short Life with No Resistance to Acid
Phosphate Dull Black or Gray Finish	Black or Gray Phosphate	Electrically	Interior Drywall Installation Fasteners	48 Hour Salt Spray Certification in Accordance with ASTM B117	Price	Short Life with No Resistance to Acid
Yellow Zinc Shiny Yellow Finish	Zinc Phosphate with Yellow Dichromate Finish	Electrically	Primarily Used in Furniture and Cabinets Some Decking and Fencing Applications	48 Hour Salt Spray Certification in Accordance with ASTM B117 1Cycle Kesternich	Aesthetic Appearance Compared to Black Phosphate-Easier to Drive due to less torque from Plating	Short Life with No Resistance to Acid
Mechanical Dacrotized Dull Silver Finish	Multi Coats of Dichromate	Dip/Spin 1 or 2 Topcoats with No Base Coat	Outdoor Wood Decking and Fencing Applications	200 to 300 Hour Salt Spray Certification in Accordance with ASTM B117 1Cycle Kesternich	More Corrosion Resistant than Traditional Finishes- Price is Less than More Expensive Multi Coatings	Top Coat is Easily Compromised- Once Compromised Rapid Rusting will Occur- Coating Can Easily Be Worn Off During Installation
Basic Dacrotized Bright Silver Finish	Multi Dichromate coating	Multi Dip/Spin process	Outdoor Wood Decking and Fencing Applications	500 Hour Salt Spray Certification in Accordance with ASTM B117- 8 to 10 Cycles Kesternich	Longer Life with Some Acid Resistance – Base Coat Provides Protection if Coating is Compromised	Economical cost with higher life than most coatings
PrimeGuard Plus-10 Multi Color	Multi Step Proprietary Process	Multi Step Proprietary Process	Outdoor Wood Decking and Fencing Specialty Screws used in Attaching Cement and Fiber Cement Board to Wood or Steel.	1000 Hour Salt Spray Certification in Accordance with ASTM B117-18 Cycles Kesternich Lifetime Guarantee ACQ Approved	10 Year Coating-Baked on Finish is Difficult to Compromise – Multi Layer Coats Provide Extended Protection if Finish is Chipped or Worn-Less Expensive than Stainless	Higher Priced than Other Coatings but more economical than Stainless
PrimeGuard Plus Multi Color	Multi Step Proprietary Process	Multi Step Proprietary Process	Outdoor Wood and Composite Decking and Fencing	1500 Hour Salt Spray Certification in Accordance with ASTM B117 – 25 Cycles Kesternich Lifetime Guarantee ACQ Approved	Lifetime Coating with Acid Resistance – Baked on Finish is Difficult to Compromise – Multi Layer Coats Provide Extended Protection if Finish is Chipped or Worn- Less Expensive Than Stainless	Higher Priced than Other Coatings but Much More Economical than Stainless

All Coatings Meet or Exceed ASTM B-633 as Tested in Accordance with ASTM B-117