

PLATINGS AND FINISHES

Finish	Color	Anti-Corrosion Properties	Used With	Characteristics And Uses	
Black Oxide	Black	Good-Interior Only	Most Metals	Decorative finish. Used on interior applications.	
Black Zinc	Black	Excellent	All metals	Rich and lustrous. With or without lacquering.	
Cadmium	Bright Silver-gray Dull or burnished	Very good	Most metals	Non-porous metallic plating. Rich appearance, good rust resistance, low cost, good electrical conductivity. Bright silver-grey dull grey or black electroplated finish.	
Chromium (Chrome)	Bright blue-white	Excellent	All metals	Used wherever a beautiful finish is desired. Bright blue-white lustrous appearance. Electroplated.	
Dichromate Dip	Rainbow	Excellent	All metals	A yellow, brown, green or iridescent colored coating. This dipping process gently increases rust resistance. Add to Zinc or Cadmium plating.	
E-Coat	Black	Excellent - 168 Hour Salt Spray	All Metals	Added protection containing corrosion inhibitors. Excellent for exterior applications.	
Iridite	Green Olive drab Bronze	Blue Red Black	Excellent	All metals	A coloring dip which also adds rust resistance. Usually applied on Zinc or Cadmium.
JS-500	Chrome-like luster	Excellent - 500 Hour Salt Spray	All metals	Outstanding corrosion resistant finish that provides economical corrosion protection without adversely affecting dimensions.	
Mechanical Zinc	Gray	Very Good	All metals	A chemical process of rust-proofing steel.	
Nickel	Silver	Very good	All metals	A hard, stable, dull white or bright burnished finish. Used for appliances and hardware.	
Parkerized	Black	Excellent - 72 Hour Salt Spray	Ferrous Metals	Added protection when oiled with a non-drying petroleum oil containing corrosion inhibitors. Good lubricity.	
Phosphating	Dull, gray, black, or blue	Excellent	Ferrous metals	A chemical process of rust-proofing steel.	
Passivating	_____	Excellent	Stainless Steels	For stainless steels. A nitric acid dip to remove foreign material and brighten finish.	
Zinc Electrogalvanized	Gray	Very Good	All metals	A commonly used finish with good rust resistance, appearance and low cost.	