

# PLATING AND FINISHES

FINISH	COLOUR	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-gray, dull gray 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 catalog. 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, Blue, Olive Drab, Red, Bronze, 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.
Nickel	Silver	Very Good	All Metals	A hard stable, dull white or bright burnished finish. Used for appliances and hardware.
Parkerized	Black	Excellent	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 Steel	For stainless steels. A nitric acid dip to remove foreign materials and brighten finish
Zinc Electroplated	Gray	Very Good	All Metals	A commonly used finish with good rust resistance, appearance and low cost.

\* All Information is strictly informative \*