

PROCESS PROPERTIES

Property	Test Method	Performance
Film Thickness	---	0.4 – 1.2 Mils
Gloss – 60 Degree	ASTM D23-89	50 – 70
Pencil Hardness	ASTM D3363-00	2H Minimum
Direct Impact	ASTM D2794-93	100 in-lb Minimum
Reverse Impact	ASTM D3359-97	60 in-lb Minimum
Cross – Hatch Adhesion	ASTM D1735-99	1000 Hours Minimum
Humidity	ASTM D870-97	250 Hours Minimum
Water Immersion	GM 9508P	6 Minimum
Gravelometer	GM 9632P	40 Rust Spot (Avg.)
Throwpower	GM 9535P	12 – 15 Inches

PROCESS APPLICATIONS

Ability to serve multiple commercial components, including, but not limited to:

- Automotive Parts & Accessories
- Compressors
- Fasteners
- Computer Parts
- Heavy Duty Trucks
- Agriculture & Construction
- Marine Engines
- Switchgear
- Transformers

PERFORMANCE BENEFITS

Best choice for corrosion protection

Substrate / Pretreatment	Salt Spray* 1000 Hours
**CRS / Zinc Phos / Non - Chrome	0 – 1 mm

THE OVERVIEW

E-COAT

Pioneer's E-Coat (Black Cationic Epoxy) process provides the most comprehensive coverage, especially around tough edges. This process produces a medium gloss black finish and can be utilized either as a sole finish or as the primer for a liquid or powder topcoat application. E-Coat is your best choice for corrosion protection.

[CLICK HERE TO VIEW IMAGES OF THIS PROCESS](#)

RECEPTIVE METALS

Aluminum
Steel
Brass
Iron Alloys
Copper

MAX LOAD CAPACITY

8'L x 4'W x 4'H

SPECIFICATIONS

Mil-DTL-53084
TT-C-490E



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CONTACT A REPRESENTATIVE ABOUT THIS SERVICE

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