

THE PROCESS

Part of Pioneer's Family of Finishes for Aluminum Die Castings

CastGuard's cutting-edge technology offers supreme corrosion protection at an affordable price. Anodized aluminum die castings are sealed with CastGuard to enhance corrosion resistance.

PERFORMANCE BENEFITS

Supreme Corrosion Protection

Promotes Adhesion of Subsequent Organic Finishes & Adhesives

THE OVERVIEW

CastGuard™

Injection die casting of Aluminum is one of the most popular methods used in mass production today. Unfortunately, this process promotes the migration of silicon particles to the surface of these castings. Silicon particles make it difficult to produce a uniform anodize coating of more than .0004". Thus, corrosion protection and aesthetics are compromised.

To overcome the finishing challenges die cast aluminum presents, Pioneer's Research and Development experts engineered a diverse portfolio of finishes capable of satisfying a broad range of aluminum die cast finishing needs, including Pioneer's proprietary CastGuard™ anodize seal.

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

RECEPTIVE METALS

Aluminum Die Castings

THICKNESS

.0001 - .0004" (Die Cast Aluminum)

MAX PART SIZE

156" X 60" x 32"

SPECIFICATIONS

Proprietary process



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