



GLECO PAINT & POWDER COATING

A Gleco Company - Mil-Spec Capable - Full-Service Finishing

POWDER COATING

MIL-PRF-24712B | MIL-PRF-32348

Durable electrostatically-applied powder finishes, oven-cured for a hard, uniform, corrosion- and chemical-resistant coating in a wide range of colors and textures.

MIL-PRF-24712B	Type I, Type II, Type IV
MIL-PRF-32348	Type I, Type II, Type III, Type IV
Colors	Any custom color - wide range of textures & finishes

LIQUID PAINT - PRIMERS

Steel & Aluminum

Corrosion-inhibiting primer systems that provide the adhesion and protective base for mil-spec topcoats on steel and aluminum.

MIL-DTL-53022	Epoxy primer (VOC compliant)
MIL-DTL-53030	Epoxy primer, water-reducible
MIL-PRF-23377	Epoxy primer, high-solids
MIL-PRF-85582	Epoxy primer, water-reducible
Zinc-Rich Primer	Sacrificial corrosion protection

CLEANING

TT-C-490E

Surface cleaning prior to coating, by the method best suited to the part and substrate, to ensure a sound, contaminant-free surface for adhesion.

Method I	Mechanical or abrasive cleaning
Method II	Solvent cleaning
Method III	Alkaline cleaning

DRY FILM LUBE

MIL-PRF-46010

Resin-bonded solid-film lubricant (MoS₂) for low friction and anti-galling, applied over a suitable pretreatment base.

Type	Resin-bonded solid film lubricant (MoS ₂)
Use	Low friction, anti-galling, corrosion resist

LIQUID PAINT - TOPCOATS

Steel & Aluminum

Mil-spec topcoat systems applied over primer for corrosion protection, chemical resistance, and appearance on both ferrous and non-ferrous substrates.

MIL-PRF-22750	Epoxy topcoat
MIL-PRF-85285	Polyurethane topcoat
MIL-DTL-53039	CARC single-component topcoat
MIL-DTL-64159	CARC water-dispersible topcoat
TT-C-490E	Cleaning / pretreatment for coating

PRETREATMENT - ALUMINUM

Non-Ferrous Metal

Surface pretreatments and conversion coatings that prepare aluminum for paint or powder, improving adhesion and corrosion resistance.

MIL-C-8514	Wash primer
DOD-P-15328	Wash primer
MIL-A-8625	Anodize
MIL-DTL-5541	Chemical conversion (TCP) - Type II, Class 1A

BLASTING & SHOT PEENING

Surface Preparation

Abrasive blasting for surface prep and finish on unlimited-size parts, plus shot peening for fatigue-life improvement. Media selected to match the substrate.

Blast Media	Glass Bead - Aluminum Oxide - Sand
Shot Peening	Unlimited-size parts
Use	Cleaning, profiling, and stress improvement

CERAKOTE

Ceramic-Based Thin-Film Coating

Ceramic thin-film coating for exceptional hardness, wear, and corrosion resistance in a wide range of custom colors, with minimal dimensional change.

Properties	Hardness, wear & abrasion resistance
Protection	Corrosion & chemical resistance
Substrates	Aluminum, steel, copper, brass, stainless

IN-HOUSE CAPABILITIES: 3 Paint & Powder Booths w/ Conveyor - 2 Batch Ovens - Silk Screening - Full Masking Dept. - Any Custom Color

FOR REFERENCE USE ONLY. We process to most mil-spec paint systems; contact us to confirm a specific specification, revision, or type for your application.

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