

Coating & Finishing Services

Cerakote

Cerakote® is a premium thin film, ceramic coating renowned for its unmatched durability, chemical resistance, and aesthetic versatility. Our skilled and certified painters apply Cerakote® coatings with precision, ensuring that your parts not only withstand the harshest environments but also creates a personalized touch.

- Single layer coating system – Replaces multi-layer paint and powder coating.
- Thin film ceramic coating that applies at only 0.25 – 2.0 mils, allowing for ultra-light weight coverage and protection.
- Superior chemical resistance – Resistant to hydraulic fluids, fuels, solvents, acids, and more.
- UV stability – Protects substrates from oxidation and degradation.
- Highly abrasion resistant – Withstands impacts, scratches and gouging.
- High temperature coatings available - Corrosion protection coatings that withstand up to 1,800°F without spalling, cracking, or flaking.
- Coatings available that provide thermal barrier and heat dissipation.
- Our largest oven measures 5 feet wide, 6.5 feet long, and 6 feet high.

Paint

Our painting processes ensure that your parts not only meet the highest standards of performance but also boast impeccable aesthetics that leave a lasting impression. Whether you require intricate designs, vibrant colors, or specialized finishes, our expert team is equipped with the knowledge and tools to bring your vision to fruition.

- Custom Colors & Color Matching
- Matte, Satin, Semi-Gloss, Gloss Finishes
- Wide Range of Textures



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Proto Technologies Finish Levels

- **Finish Level 1** – Removal of build support structures. Typically used by customers wishing to do the finish work themselves, this will result in an unfinished part.
- **Finish Level 2** – Removal of build support structures and light sanding with 220 grain sandpaper to remove rough edges and burrs. Typically used for design reviews, design verification, assembly verification and conceptual models. Build layer lines, stair steps and facets are visible.
- **Finish Level 3** – Sandblast. Typically used for design reviews and assembly verification where a higher degree of fit and part finish is required. Geometry fit checks, form and function tests, sand casting, pilot builds, and manufacturing engineering fixturing.
- **Finish Level 4** – Typically used for marketing presentations, focus group studies, investment castings, precision sand casting, rubber mold masters, and spray metal tooling masters.
- **Finish Level 5** – Painted. We can match any color, texture, or finish as required.

Outsourced Coatings & Finishes

- Anodize (RoHS & NADCAP)
- Chem Film Conversion (RoHS & NADCAP)
- Zinc - Rack Plating
- Zinc - Barrel Plating
- Black Oxide - Mild Steel & Stainless Steel (RoHS)
- Tin - Bright Acide Tin (RoHS)
- Electroless Nickel (Mid Phos)
- Bright Nickel - Electroplated (RoHS)
- Chrome
- Gold (RoHS)
- Silver (RoHS)
- Passivate (RoHS & NADCAP)
- Electropolish (RoHS)
- Powder Coat (RoHS)
- Silkscreen (RoHS)

QUOTES

quotes@prototech.com

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www.prototech.com

CERTIFICATES

SBA 8(a) Cert: Exit Date 02/17/2032

Alaska Native Owned (ANC)

AS9100D:2016/ISO9001:2015

ITAR & JCP Certified

EIN: 91-1860749

CAGE: 49WJ8

DUNS: 949037329

SAM: L32HMCJ3SVL9

NAICS: 332710, 326199, 332721,
332999, 336413, 336419, 333511