

DRIVEKOTE

THERMOSET POWDER COATINGS



The Protech Group offers an extensive selection of both functional and visually appealing powder coatings specifically tailored for the automotive industry. Recognized for their outstanding quality and enduring durability, DRIVEKOTE delivers solutions tailored to every automotive application that adhere to industry standards.



OVERVIEW

Automotive Thermoset Powder Coatings.

MAIN FEATURES

- **High Hardness ($\geq 4H$)** - Scratch, chip, and impact resistant.
- **Superior Resistance** - Resists chemicals, stains, scratches, and graffiti.
- **Outdoor Durability** - Excellent UV, water, and weather resistance.
- **Uniform Coverage** - Even coating on complex geometries and recessed areas.
- **Tough, Aesthetic Finish** - Chemically bonded for a durable and attractive surface.
- **No Post-Painting Needed** - Integrated process reduces time and cost.
- **Sealing & Insulation** - Fills gaps, seals surfaces, and enhances composite strength.
- **Eco-Friendly** - Solvent-free with zero VOC emissions.

TYPICAL APPLICATIONS

Below, you'll find a selection of our thermoset powder coating products designed for various automotive components—from under-the-hood parts and wheels to trim, frames, and interior metal surfaces. Each solution is formulated to meet the specific performance, durability, and aesthetic requirements of the automotive industry.

Wheels - Rims	EF33-S is a specialized epoxy primer offering smoothness, leveling, and strong corrosion protection in "Window Gray" and "Jet Black." PE60 is a high-gloss polyester clear coat for interior and exterior use, providing a sleek finish and excellent clarity.
Wheels - Brake Calipers	Brake calipers need protection from DOT 4 brake fluids. Our advanced polyester coatings, MS221N15 and MS221R3, provide excellent chemical resistance, meet automotive weather durability standards, and feature effective degassing properties.
Car Body - Primers	PUW3422 (white) & PUA5204 (light gray) are OEM-approved primers from an IATF 16949-certified factory. They provide excellent weather resistance and consistent quality, achieved through a selective grinding process for smoother application.
Under-the-Hood - Elements	EF-SERIES functional epoxy powder coatings offer excellent corrosion protection and chemical resistance for long-lasting durability. They are ideal for underbody components like springs, rebars, torsion bar suspensions, towing bars, and handbrakes.
Under-the-Hood - Cast Parts	ES542N49 and ET442N2 are modified epoxy powder coatings designed for magnesium and aluminum cast parts, featuring degassing properties and excellent corrosion resistance. They are Meridian-approved, ensuring their performance and reliability.
Under-the-Hood - Steel Frames	Our UV-resistant polyester and epoxy-polyester powder coatings are specifically designed for indoor use on automotive parts, such as door and motor frames. They offer a durable finish that improves longevity and aesthetics while protecting surfaces from wear.

E-Battery - EV Elements	EF70 is a specialized epoxy powder coating designed for exceptional electrical insulation of components like rotors, stators, copper bars, and wires. It enhances performance and durability in various applications by effectively insulating each component.
E-Battery - Cooling Elements	EF10 is a functional epoxy powder coating for battery cooling components. It effectively dissipates heat, maintains optimal temperatures, enhances cooling efficiency, and improves the longevity and reliability of battery systems by preventing overheating.
E-Battery - Housing	EF80 is a durable epoxy powder coating that protects steel containers, such as battery housings, from harsh chemicals. It can be applied through dipping or electrostatic spraying, with preheating improving layer thickness and insulation.
Trims	Z-SERIES is a super-durable polyester powder coating range that provides excellent UV resistance and a good flow-out for a high-quality finish. The Z-SERIES is suited for steel or aluminum parts, such as windscreens wipers and roof elements.
AVD Primer	EF76 is an epoxy primer for Aluminum Vacuum Deposition (AVD) that ensures excellent flow-out and strong adhesion to metallization. It delivers a smooth finish, enhancing aesthetics and light reflection for both functional and attractive applications.

OUR SOLUTIONS

We offer a range of powder coating solutions specifically formulated for the automotive industry, meeting stringent performance, environmental, and regulatory standards.



FORMULATING THE RIGHT MIX.

Since 1976, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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