PPG Solutions for Mobility

We protect and beautify the world
PPG: 46,600 employees protecting and beautifying our world

A global maker of paints, coatings, and specialty materials

A leader in all our markets: construction, consumer products, industrial and transportation markets and aftermarkets

Headquartered in Pittsburgh, Pennsylvania, with operations in more than 70 countries

Founded in 1883

Fortune 500: Ranked 191
Two Primary Reporting Segments; Covering Relevant Markets

Performance Coatings
- Aerospace
- Architectural Coatings
- Automotive Refinish Coatings
- Protective & Marine Coatings

Industrial Coatings
- Automotive OEM Coatings
- Industrial Coatings
- Packaging Coatings
- Specialty Coatings & Materials
- Coatings Services
Innovation by the Numbers

- > 3% sales ~ $500 million annual R&D Investment
- 3500+ technical employees at more than 100 locations
- 32% of sales from sustainable products, 60% increase since 2012
- 40% of Sales 2025 target for total sales from products or processes that improve sustainability
PPG Coatings Enable Protection & Beautification + E-Mobility

**First Layers**
- Pretreatment
- Electrocoat
- Primer
- Basecoat
- Clearcoat
- Adhesives and Sealants
- Liquid-applied sound dampening

**Decorative Automotive Parts and Accessories**
- Bumpers
- Mirror Housings
- Handles
- Trim

**Suspension**
- Coil springs
- Shock absorbers
- Control arms
- Brake systems
- Underbody parts
- Wheels

**Interiors**
- Instrument panels
- Interior panels/trim
- Entertainment consoles
- Interior displays

**Specialized Autonomous Driving Equipment**
- Light detection and ranging active
- Easy-clean sensors
- Radar compatible

**Automotive Parts And Accessories**
- Wiper arms
- Running boards
- Bumpers
- Tow hitches
- Roof racks

**EV Battery**
- Battery Cell
- Adhesives and Sealants
- NVH
- Fire Protection

**Functional Coatings For Sensors and Antennas**
- Antiglare lenses
- Easy-to-clean lenses
- Conductive inks
- Passenger classification
- Flexible heating
- Control panels
- Self-dimming mirrors
- Radio frequency interface shielding
Value-Add Coatings at the Heart of a Lithium-Ion Battery

Coating Made
Coating Applied
Cathode Cut into Shape
Cell Formed (including an Anode)

Example Pack Assembly
Example Module
PPG Wide Portfolio Directly Applicable on Battery Modules & Packs

- Battery Module
- Thermally Conductive Gap Filler
- Dielectric Performance
- Structural Reinforcement
- Fire Protection
- Corrosion, Impact Protection
- Seal
3 Examples of PPG Coatings Enabling Sensor Performance

LiDAR wavelengths

Radar wavelengths

Obstructed lens & housing

Colors naturally absorb/reflect

PPG Coatings Improve “Visibility” Of Dark Colors

PPG Coating Minimize 2-way Signal Loss

Nature always a factor

Coatings keep interfaces clean, Allow reliable sensor signal transfer
We protect and beautify the world™