

# 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

## Specialized Autonomous Driving Equipment

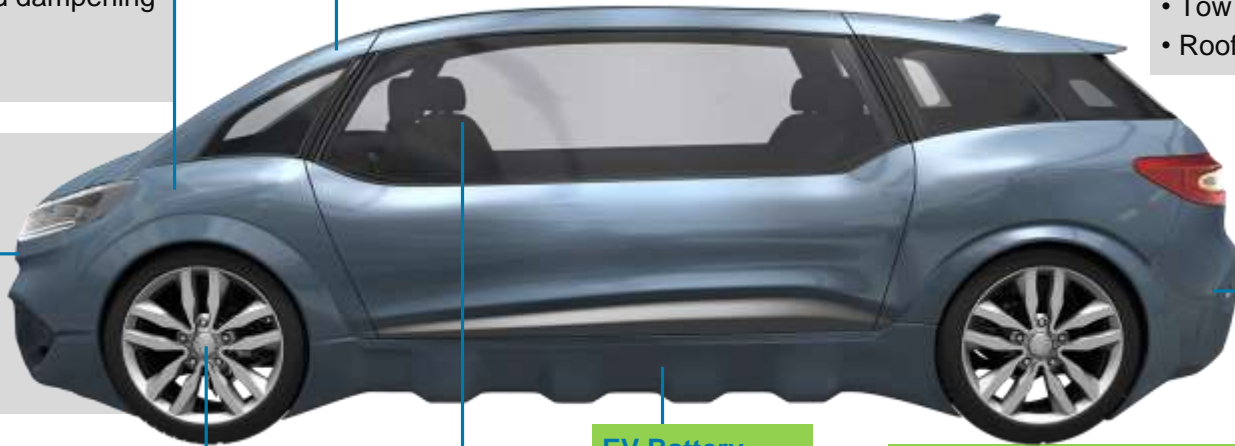
- Light detection and ranging active
- Easy-clean sensors
- Radar compatible

## Automotive Parts And Accessories

- Wiper arms
- Running boards
- Bumpers
- Tow hitches
- Roof racks

## 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

## 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

Cell

Modules & Pack

- Lithium Active
- Designed Resin
- Carbon

Coating Made



Coating Applied



Cathode Cut into Shape



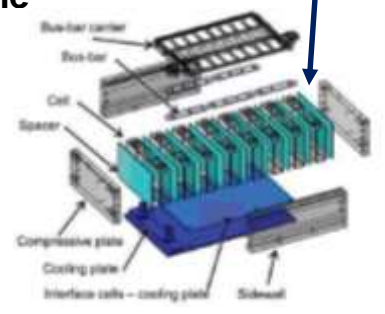
Cell Formed (including an Anode)



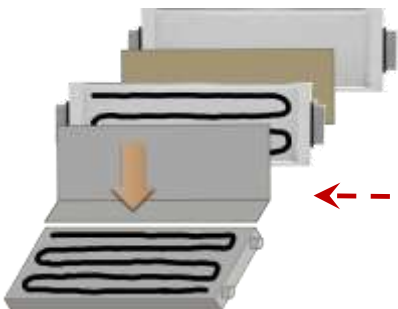
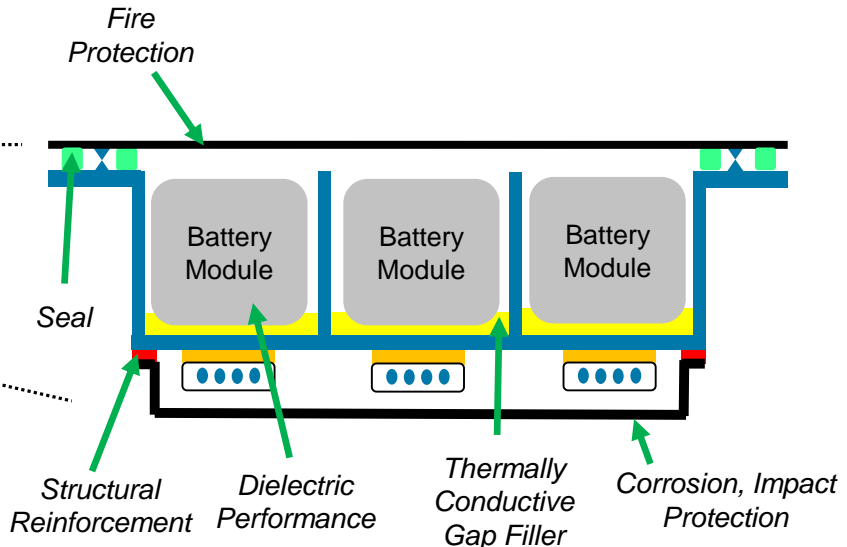
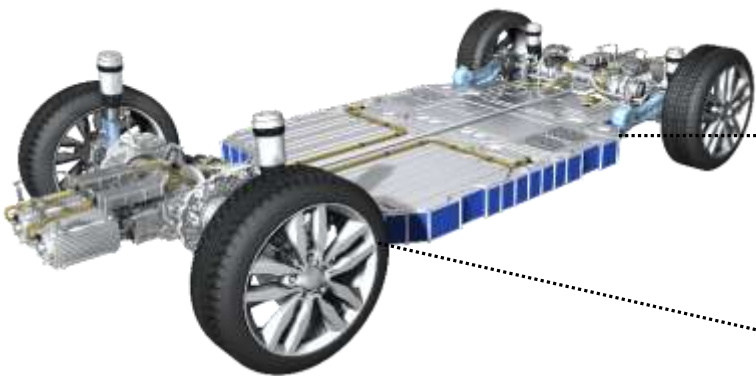
Example Pack Assembly



Example Module



# PPG Wide Portfolio Directly Applicable on Battery Modules & Packs





# 3 Examples of PPG Coatings Enabling Sensor Performance

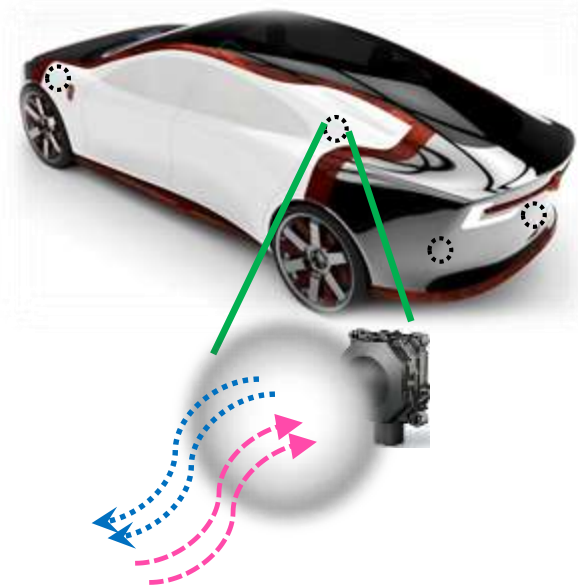
**LiDAR** wavelengths

*Colors naturally absorb/reflect*



**PPG Coatings  
Improve “Visibility”  
Of Dark Colors**

**Radar** wavelengths



**PPG Coating Minimize  
2-way Signal Loss**

Obstructed **lens & housing**

*Nature always a factor*



**Coatings keep interfaces clean,  
Allow reliable sensor signal  
transfer**





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