

Aerospace Overview 2025



We protect and
beautify the world®

PPG's Aerospace business...

Serving major aircraft original equipment manufacturers (OEMs) and aftermarket customers such as airlines and maintenance, repair and overhaul (MRO) facilities, we provide coatings, sealants, transparencies, packaging, chemical services, engineered materials and specialty products to customers around the world.



Aerospace supplier since 1927



1927

Glass Transparencies



1999

Coatings, Sealants and Packaging



2006

Advanced Plastic Transparencies



2019

Engineered Materials



The segments we serve



Commercial
Aviation



General
Aviation



Military



An industry driven by innovation



Reliability



Quality



Sustainability



Functionality



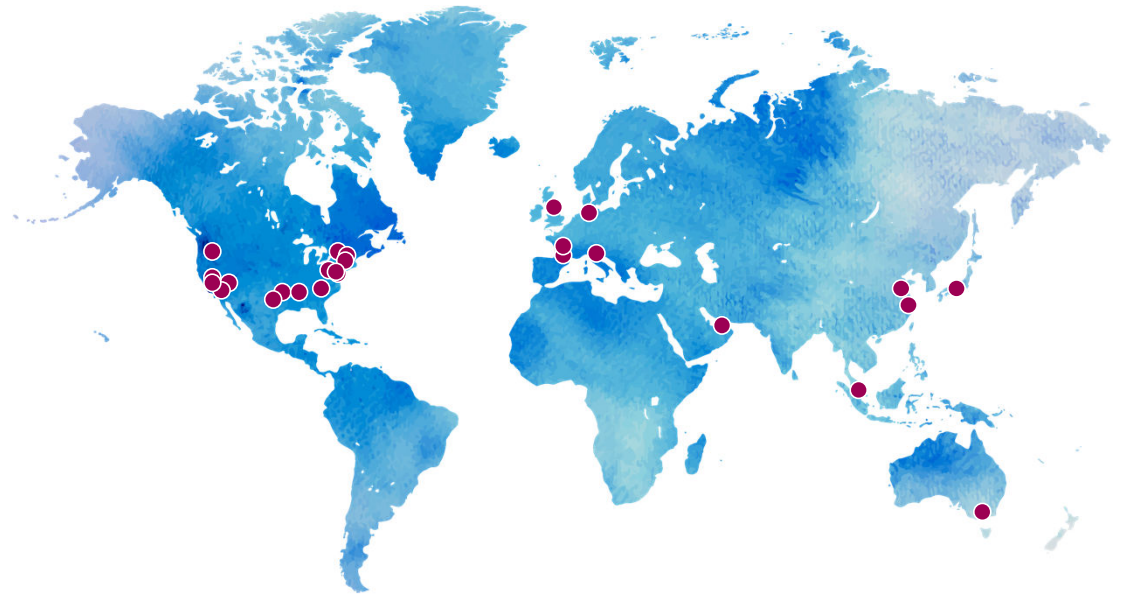
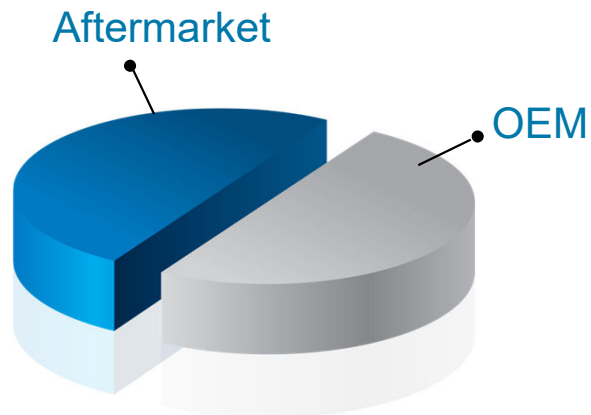
Productivity



Aesthetics

...provides a broad portfolio of innovative products and services

It's a diversified industry...



16

Application support centers



9

Manufacturing plants



8

Research & development sites

...supported by a global PPG network

We've got you covered...



Coatings

Topcoats, primers, high temperature coatings



Sealants & Adhesives

Aircraft fuel tank, fuselage, windshield, conductive and specialty



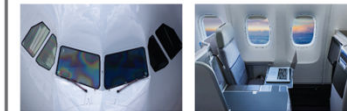
Engineered Materials

Lightning protection, microwave materials and anechoic chambers



Transparencies

Flight deck, passenger cabin and canopies



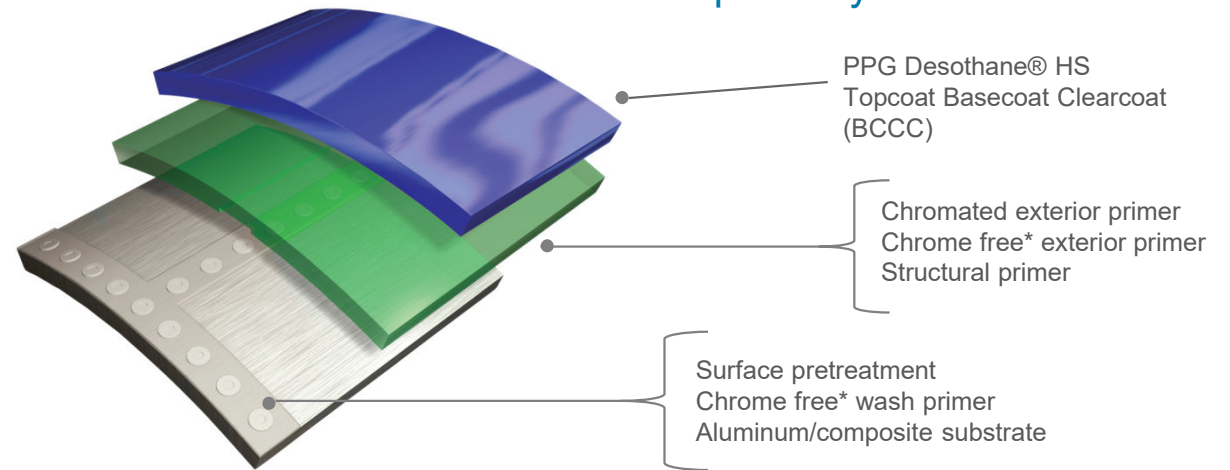
...additional products and services:
Additive Manufacturing | Aero Services | Packaging



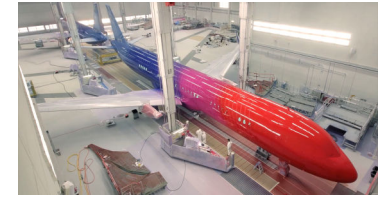
Our coatings provide color...

- ✓ Corrosion protection
- ✓ Aesthetics
- ✓ Solar heat management
- ✓ Thermal barrier
- ✓ Aerodynamics
- ✓ Military requirements

Standard high solid exterior commercial topcoat system



*Chromium is not intentionally added in the formulation of this product. PPG's "Chrome free" statement is based on our knowledge of the product formulation.



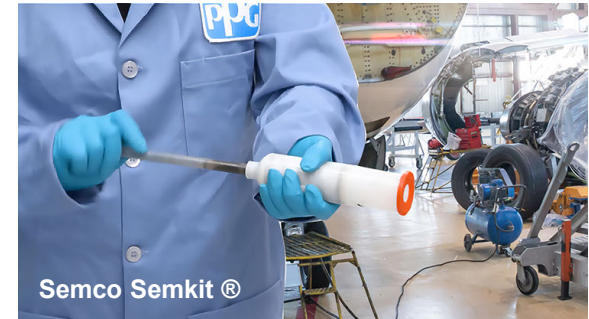
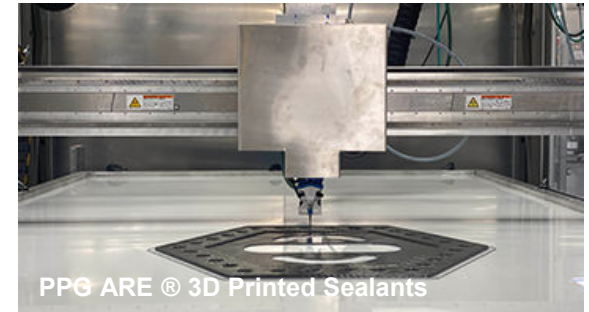
...and help fight corrosion on aircraft structures



Our sealants provide a critical barrier...

Products designed to save time, reduce work, and improve quality

- ✓ Vapor barrier
- ✓ Pressure barrier
- ✓ Lightning protection
- ✓ Aerodynamic smoothing
- ✓ Corrosion protection
- ✓ Electrical conduction



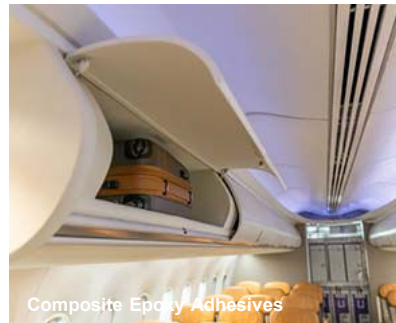
...that protects the aircraft from the harsh flight environment



Our adhesives provide critical bonding...

Products designed to save time, increase productivity and improve final component quality

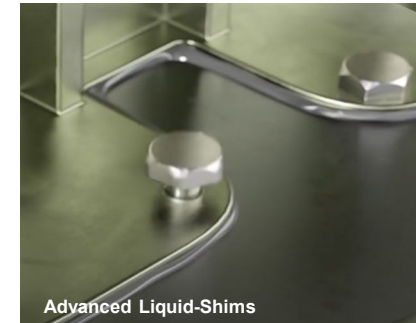
- ✓ Ballistic armor adhesives
- ✓ Structural adhesives
- ✓ Advanced liquid-shims
- ✓ Epoxy syntactic adhesives
- ✓ Composite epoxy adhesive systems
- ✓ Polyurethane adhesive systems



Composite Epoxy Adhesives



Epoxy Syntactic Paste Adhesives



Advanced Liquid-Shims



Ballistic Armor Adhesives



Structural Adhesives



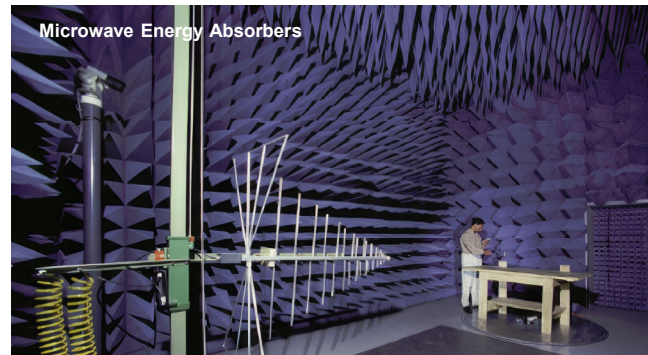
Polyurethane Adhesives

...that protects the aircraft across the entire flight environment



Our engineered materials allow advancement in design...

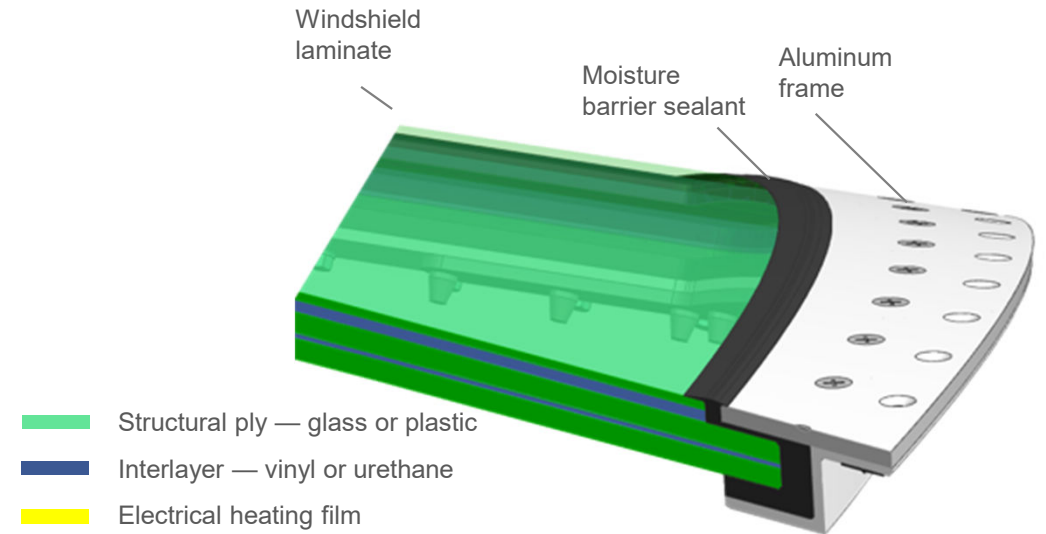
- ✓ Microwave energy, attenuation and shielding
- ✓ Flexible low observable radar absorbing materials
- ✓ Lightning strike heat and energy dissipation



...and protect the aircraft and passengers from flight envelope threats

Our transparencies provide a clear view...

- ✓ Critical aerostructure
- ✓ Crew and passenger protection
- ✓ Anti-ice / Anti-fog
- ✓ Solar protection and control
- ✓ Dimmable
- ✓ Ballistic protection
- ✓ Lightning strike protection
- ✓ Special mission



...and act as a critical aerostructure to help keep passengers and crew safe



Our chemical management services help customers optimize supply chain...

- ✓ Just-in-time
- ✓ Waste reduction
- ✓ Shop floor control
- ✓ Critical documentation management
- ✓ Hazardous material management
- ✓ Customized packaging solutions

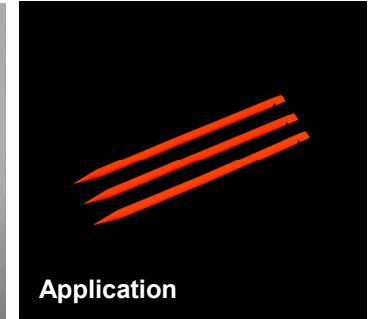
Customer site shop floor control using RFID and PPG smartphone app to manage inventory movements



...and manage environmental and compliance requirements

Our packaging systems simplify manufacturing...

- ✔ Process efficiency
- ✔ Right-sizing
- ✔ Foreign object debris reduction
- ✔ Contaminant containment



...and provide solutions that 'right-size' product delivery for waste reduction

Sustainability is core to PPG's purpose: We Protect and Beautify the World®



12%↓

Reduction in
Scope 3
GHG Emissions



10%↓

Reduction in
Scope 1 and 2
GHG Emissions



44%

Sales from Sustainably
Advantaged Products



13%↓

Reduction in Water
Intensity at Priority Sites
in Water Scarce
Communities



45%

Process Waste Sent
to Reuse, Recycle and
Recovery



97%

Key Suppliers Assessed to
Sustainability and Social
Responsibility Criteria



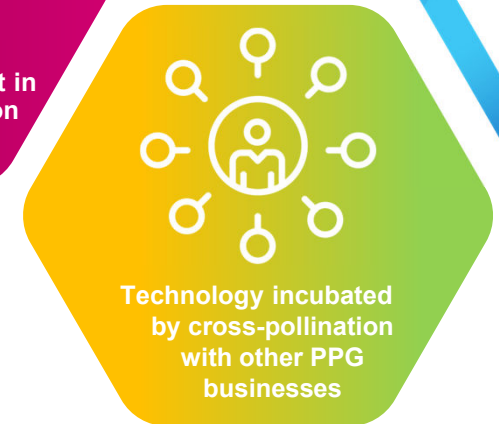
\$18MM

Global Giving in 2023

Note: These are 2023 results measured against 2030 targets with a 2019 baseline year unless otherwise noted.



Aerospace business summary...



...PPG is committed to innovation and collaborating with our customers to provide cutting-edge aerospace products

