



A proven, sustainable solution



PPG powder coatings for office furniture

At PPG, our sustainability vision is simple: deliver lasting value for stakeholders and customers by operating with integrity, working safely, respecting the contributions of our people, preserving the environment and supporting the communities where we operate.

This commitment is on full display in both our ErgoLuxe and ErgoLuxe Eco powder coatings, providing a protective and luxurious finish for office furniture. While both offer sustainability benefits associated with powder, ErgoLuxe Eco powders offers a unique formulation containing up to 14% post-industrial recycled plastic (rPET), (PPG's proprietary polyester resin contains up to 33% post-industrial rPET). Customers have relied on our sustainable technology for years, with more than 6 million pounds used since its introduction in 2017, the same year it earned the PPG Global Sustainability Award. ErgoLuxe Eco coatings are designed to protect and beautify everything from office furniture to electric vehicles, and are available in a range of standard or custom colors, including metallics.

Choosing PPG and ErgoLuxe coatings means choosing a proven technology and services partner committed to sustainability.

Small footprint, big benefits

Powder offers a range of benefits over traditional liquid or solvent-based coatings including:



Waste-saving first pass transfer efficiency rates up to 85%



Low volatile organic compounds (VOCs) compared to traditional liquid coatings



Reclaimable and reusable overspray



Range of cure options, including convection and infrared (IR) ovens

Suggested markets

Office furniture

Appliances

Light fixtures

Seating, task chairs and work stools

Shelving and racking





PPG ErgoLuxe



Product Characteristics	
Color	Available in standard colors (black, white, beige, gray, metallics) and all custom colors
Gloss @ 60° (ASTM D523)	5 - 100
Substrate	Aluminum and steel

Performance Properties	
Adhesion (ASTM D3359)	5B
Hardness (ASTM D3363)	2H minimum
Impact Resistance (ASTM D3359)	Direct: Up to 160 in./lbs. Indirect: Up to 160 in./lbs.
Flexibility, Conical Mandrel (ASTM D522)	1/8" - no cracking
Abrasion Resistance (ASTM D4060)	1,000 g load, 1,000 cycles (Less than 0.06g loss after 1,000 cycles of Taber abrasion)
Corrosion Resistance (ASTM B117)	5% salt spray @ 95° F, 500 hours, < 1/8" scribe creep
Chemical and Stain Resistance (ASTM D1308)	Acetone, isopropyl alcohol, cola, coffee, ink, etc. - pass
Humidity Resistance (ASTM D4585 / ASTM D714)	500 hours - no blistering or adhesion loss

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