

Advanced powder coating technology
for improved coatings operation



ENVIROCRON™ High Transfer Efficiency Powder Coatings by PPG



We protect and beautify the world™



High-performance powder coatings with high product output

Taking advanced powder coating technology by PPG one step further

Envirocron High Transfer Efficiency (HTE) powder coatings are engineered to increase your powder coating output while reducing your material usage, energy consumption and maintenance costs. Boasting first-pass transfer rates of 85% or greater, *Envirocron* HTE powder coatings can reduce your per-item powder consumption up to 50%, lowering your material costs. Specifically designed for tricky parts and equipment such as wheels, wire racking, metal shelving and products with complex shapes, *Envirocron* HTE powder coatings provide excellent adhesion and durability, even in hard to reach places.

Reduced oven temperature required for baking

Standard powder coatings require temperatures of 395°F or higher to bake and cure. *Envirocron* HTE powder coatings require oven temperatures of only 350°F to bake properly. This lower temperature reduces costs and energy usage.

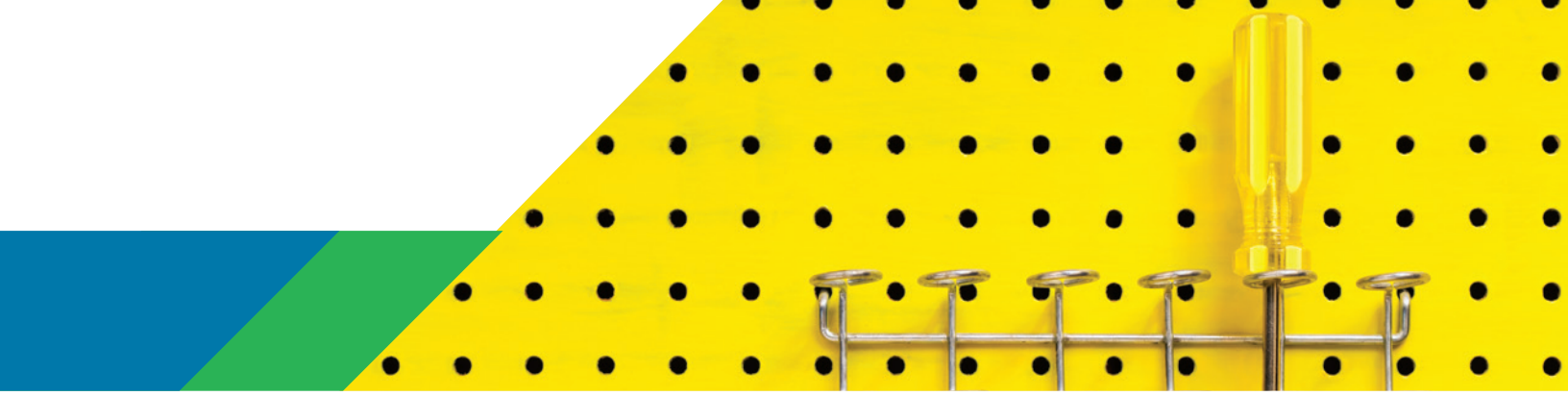
Improved wrapping on parts and equipment with complex shapes

Objects like wire racks, metal shelves, wheels, and angular or tubular parts make coating difficult with standard powder coatings. Engineered for higher air-flow rates, *Envirocron* HTE powder coatings make it easier for you to cover those hard-to-coat parts.

Increased first-pass transfer rates

Envirocron HTE powder coatings reduce material costs up to 50% by increasing first-pass transfer rates to 85% or higher. This results in coating more products and using less material without affecting durability, color or gloss.





Added Features

- Formulated without BPA or TGIC
- Custom colors and gloss
- Can be formulated to meet AAMA 2603 and AAMA 2604 specifications

Product Characteristics

Colors	Custom colors
Gloss @ 60° (ASTM D523)	≥45
Applications	Cold-rolled steel, hot-rolled steel, aluminum, iron

Performance Properties

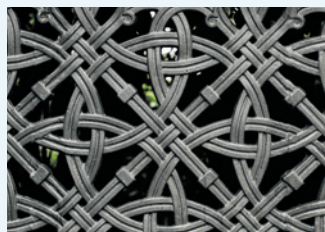
Dry Film Thickness (ASTM D1400)	2.5 mils +/- 0.5
Cure	350°F (177°C) for 10 minutes
Pencil Hardness (ASTM D3363)	2H
Cross Hatch Adhesion (ASTM D3359)	5B
Direct Impact Resistance (ASTM D2794)	160 in./lbs.
Humidity Resistance (ASTM D2247)	1,000 hours
Salt Spray Resistance (ASTM B117)	1,000 hours

Ideal Products

PPG TRUEFINISH® provides excellent coverage to complex parts and equipment such as the following:



Heavy-duty wheels



Ornamental iron



Tubular and angular parts



Wire racking



Connecting world-class technology to local resources

PPG TRUEFINISH® Industrial Coatings is a division of PPG, the world's preeminent supplier of coatings solutions. Founded in 2002, the PPG *TrueFinish* team was created to strategically deliver innovative technologies to manufacturers and custom coaters who needed quick, reliable and effective service to accelerate their businesses. With professional service centers located across North America, you can trust PPG to get you the products you need, when you need them.



Dependable inventory management

Partnership with PPG includes a personalized inventory-management program that provides the components you need, delivered on time. We'll keep your powder stocked in our local professional service centers – PPG PAINTS™ stores in the U.S. and DULUX® or BETONEL® *Dulux* stores in Canada – based on the minimum levels you require.

By utilizing our local distribution, you take the risk out of last-minute inventory management and reduce the amount of material stocked on your shop floor.



Our commitment to sustainability

PPG is deeply committed to working with our customers to engage our communities and move towards a more sustainable future. All of PPG's powder coatings have zero solvent emissions and ultra-low VOCs, making them an ideal choice for environmentally-conscious OEMs and custom coaters. PPG will help you upgrade your processes and strengthen your pipeline of sustainable new products.

The technical data presented in this brochure is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this brochure. Contact your PPG representative for the most up-to-date information.

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