



We protect and
beautify the world®



Powerful Protection

Powder coatings for shipping containers



High-performance powder coatings that protect shipping containers in the most extreme environments.

With our market-proven protective coatings and extensive color capabilities, PPG is trusted by shipping container OEMs to protect their products and their brands.

Meeting stringent OEM specifications for durability, color harmony and aesthetics, PPG ENVIROCRON® powder coatings are engineered to protect shipping containers from corrosion, chemicals, UV damage and fading, even in the most demanding conditions.

Suggested Markets

Transportation

Suggested End Use

Shipping containers

The PPG Benefit



- Passes IIICL specifications
- Excellent corrosion resistance
- Excellent UV resistance (adjustable UV resistant properties)
- Base coat can be applied to non-chemically treated shot-blast surface



- Semi-conductive base coat improves spray efficiency
- Topcoat can be cured at 150°C
- 2 coats and 1 bake application process (DOG process, primer just need gel)



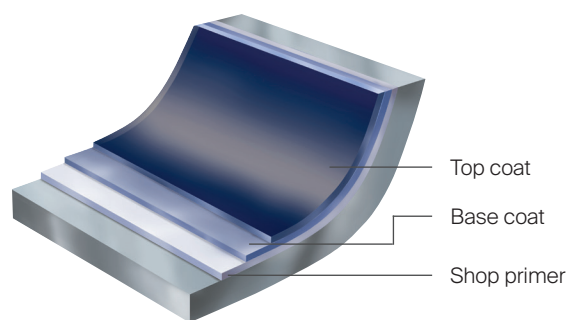
- Available in a wide range of colors



- Specifically formulated without VOC
- Formulated without metallic zinc and other soluble heavy metals
- Topcoat formulations without TGIC available



Product Properties	Envirocron 2-coat system
Coating Layers	2 coats
DFT	80 - 120 µm
Colors	Wide range of colors
Gloss @ 60°	20 - 90°
Cure method	IR or convection



Product Performance	Test Method	Envirocron 2-coat system
Adhesion	ISO2409	GTO
Impact resistance (Direct/Reverse)	ASTM D2794	100/30 in lbs
Corrosion resistance*	ISO9227	1,000h, ≤ 3 mm, no blisters, no rust
Cyclic corrosion 1,680h *		≤ 3 mm, no blisters
Humidity resistance *	ISO6270	2,000h, no blisters, no rust
UV resistance	ASTM G154	1,000 - 2,000h

* tested on shot-blasted steel panels

IC global powder manufacturing locations

USCA	
USA	Brazil
	Gainesville
	Grand Haven
	Greensboro
	Strongsville
	West Chicago

LATAM	
Brazil	Sumaré
Mexico	San Jan del Rio

EMEA	
England	Runcorn
Italy	Verbania
Germany	Renningen
	Zuffenhausen
Poland	Cieszyn

APAC	
China	Chengdu
	Dongguan
	Hubei
	Huangshan
	Huzhou
	JIADING
Vietnam	Jinan
	Mian Lan

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