



PRODUCT DESCRIPTION

PLASTICRON plastisol coil coatings have been developed primarily to meet the exterior durability requirements of industrial, and pre-engineered buildings. They are based upon the latest technology in highly durable PVC resin chemistry.

PLASTICRON coatings deliver an excellent balance of exterior gloss and color retention, good chalk resistance, great cold temperature formability, and over-all cost effectiveness.

PLASTICRON coatings employ the use of standard durable pigmentation for excellent UV durability with 20 year proven results at PPG Florida panel farms.

PLASTICRON coatings are designed in striated and smooth finishes.

PLASTICRON coatings cure at low temperature and are easy to apply.

PLASTICRON coatings are manufactured in-house using PPG kaleidoscope dispensing system for short lead time and delivery.

PLASTICRON coatings have color stability – no color drift throughout the application process or into your inventory.

SYSTEM OVERVIEW

PLASTICRON plastisol coil coatings are designed for twocoat application on aluminum and steel substrates. They are formulated using proven, fieldtested plastisol resin systems to provide the durability required for most industrial, and preengineered building panel systems. PLASTICRON coil coatings should be applied on properly cleaned and pretreated

aluminum and steel substrates, including hot dip galvanized steel, and Galvalume[®]. Primers are available in both chrome and non chrome formulations at low and standard cure bake schedules. Primer dry film thickness depends on the type of primer used and ranges between 0.10-0.40 mils. Recommended topcoat thickness ranges between 2.5-4.0 mil.

COMMERCIAL USES

PLASTICRON coil coatings can be used as: buildings panels, trim coil, siding, awning, soffit, rainware, culvert, heating and air conditioning ducts, exterior door panels, and spiral wound metal pipe.

DURABILITY

PLASTICRON coatings have been developed to give excellent durability in real life outdoor exposures. South Florida exposure testing shows excellent gloss and color retention.

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PLASTICRON SPECIFICATIONS		
	Aluminum Substrate	HDG/Galvalume Substrate
Dry Film Thickness (nominal) ASTM D1005	2.5- 4.0 mil (smooth) 3.3- 4.0 mil (striated)	2.5- 4.0 mil (smooth) 3.3- 4.0 mil (striated)
Gloss ASTM D523 @ 60°	20-65 (smooth) 15-32 (striated)	20-65 (smooth) 15-32 (striated)
Pencil Hardness ASTM D3363	2B-HB	2B-HB
Flexibility T-bend, ASTM D4145	OT-bend; No pick-off	OT-bend; No pick-off
Reverse Impact ASTM D2794	1500 x metal thickness; No pick-off	3000 x metal thickness No pick-off
Salt Spray Resistance ASTM B117 5% salt fog @ 95°F 1000 hrs. Al, 500 hrs. steel	No face blistering; Max. average 1/32" scribe and edge creep	None or few #8 blisters on face; Max. average 1/8" scribe and edge creep
Humidity Resistance ASTM D714, ASTM D2247, 1000 hrs. 100% relative humidity @ 95°F	None or few #10 face blisters	None or few #10 face blisters; No cracking, loss of gloss, or delamination

PLASTICRON PVC WARRANTY INFORMATION

PPG offers a comprehensive warranty on PLASTICRON PVC coil coatings. For complete warranty information and a copy of the PLASTICRON PVC coil coatings warranty, please call PPG at **1-800-258-6398**.

