



# Family of polyester resin coatings

## Tough, colorful, versatile coatings for a variety of markets

Based on innovative, patented polyester resin technology, the PPG DURAFORM® family of coatings satisfy a wide range of decorative and functional uses in a variety of different markets. Formulated for single-coat application over aluminum or as a two-coat system with a primer over aluminum or steel substrates, *Duraform* coatings deliver excellent mechanical properties, hardness, stain resistance and affordability while providing an aesthetic appeal. The coatings are engineered with durable pigments for long-lasting color and higher volume solids versus standard polyester-base coil coatings, making them an ideal choice for a wide variety of end-uses.



### **Duraform BP** Building Products

Designed for rainware protection, high-traffic areas and trim coil, *Duraform BP* coatings offers good UV durability and dirt resistance.



### **Duraform HV** HVAC

Corrosion and abrasion resistance, hardness and forming capability make *Duraform HV* coatings ideal for application to exterior air conditioning and interior heating units.



### **Duraform AP** Appliances

Meeting specifications for refrigeration, laundry and cooking ranges, *Duraform AP* coatings combine good hardness and flexibility with excellent resistance to chemicals, scratching and staining.



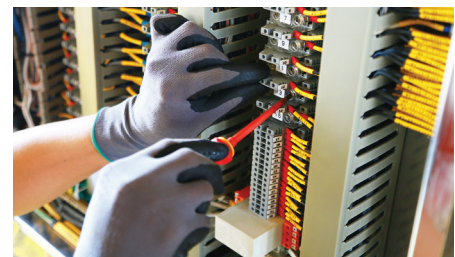
### **Duraform DR** Doors

With excellent forming, embossing and stamping qualities, *Duraform DR* coatings can be used to create textured surfaces on garage and entry doors.



### **Duraform TR** Transportation

*Duraform TR* coatings are designed for application over trailers as a one-coat system or painted over a primer layer for extra corrosion performance.



### **Duraform CP** Consumer Products

*Duraform CP* coatings cover multiple end-uses, including electrical busways, electrical boxes, bed frames and baseboard heaters — offering good all-around properties for roll-forming metal from coil stock.



Product Characteristics	Aluminum	Hot-Dipped Galvanized Steel
Color	Full range	Full range
Gloss @ 60° (ASTM D523)	Low, medium and high	Low, medium and high
Dry Film Thickness, Nominal (ASTM D1005)	0.2 – 0.3 mil primer (optional) 0.7 – 0.8 mil topcoat	0.2 – 0.3 mil primer (required) 0.7 – 0.8 mil topcoat

Performance Properties	Aluminum	Hot-Dipped Galvanized Steel
Hardness (ASTM D3363)	F – 3H	F – 3H
Flexibility (T-Bend, ASTM D4145)	0, no pick-off	1, no pick-off
Conical Mandrel (1/8", ASTM D522)	Pass, no cracking	Pass, no cracking
Chemical Resistance (Household Detergents, ASTM D1308)	No discoloration or film softening	No discoloration or film softening
Stain Resistance (Carbon Oil Stain, ASTM D1308)	Excellent, no discoloration	Excellent, no discoloration
Ft. Lauderdale UV Exposure Testing (5 years @ 90°, South Florida)	No objectionable color change, $\Delta E < 5.0$	No objectionable color change, $\Delta E < 5.0$
Daytona Beach Corrosion Testing (5 years @ 45°, South Florida)	No face corrosion*	No face corrosion*

\* Corrosion performance is dependent on properly cleaned and pretreated substrate



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