



# TECHNICAL INFORMATION POWDERGALV® STANDARD

## PRODUCT DESCRIPTION

Licensed process of coating raw steel with Hot Dipped Galvanized to meet ASTM 123/A and Super Durable Polyester TGIC-free powder coating. It is designed for environments needing high performance anti-corrosion properties with good mechanical and chemical performance.

Colors available are contained in the United States standard 188 RAL powder coating deck.

Many applications, including:

- Light Poles
- Utility Poles
- Fencing
- Railings
- Water Parks
- Cooling Towers
- Structural Steel Projects

### **Notes:**

POWDERGALV® can only be applied by trained licensed companies. It is a coating process that specific procedures and equipment is necessary to accomplish.

## APPLICATION

Film Thickness Range (mils.): 4-8

## PERFORMANCE

### **60 Gloss**

**(ASTM D-523)**

- 70-76

### **Adhesion**

**(ASTM D-4541)**

- QUVA G154 250 hours  
No adhesion loss

### **Creepage**

**(ASTM D-1654)**

- Salt Spray 2500 hours  
Rating 10 (No creep from scribe) at 2500 hours

### **Pencil Hardness**

**(ASTM D-3363)**

- QUVA G154 at 250 hours  
H

### **Degree of Rusting**

**(ASTM D-610)**

- QUVA G154 at 250 hours  
H

### **Degree of Blistering**

**(ASTM D-714)**

- Salt Spray 1500 hours  
No Blisters

### **Abrasion Resistance**

**(ASTM D-4060)**

- 1800 cycles  
Loss .25 (abrasive resistance at with CS10 Wheel 1000 gr)

### **Gravelometer**

**(ASTM D-3170)**

- Rating 6 (18 chips)
- Rating A (>1mm)

**Notes:**

Performance measured using 12-gauge test panels

**Notes:**

Technical Data are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Data sheet for the project being used. The information rating and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variation in customer handling and field applications, which are not known, or under our control, the POWDERGALV® process cannot make any warranties or guarantees as to the end results.