



www.detailedplaypro.com 877-548-3100  
**Decks & Bridges Specifications**

## **COATINGS**

### **Powder Coating**

- TGIC polyester, Electrostatic application, Baked-on @ 400 degrees
- 5-7 mills thick, Lead free, High gloss, No peel / No flake finish
- Resistant to salt spray (ASTM B-117)
- Resistant to humidity (ASTM D-2247)
- Direct/Indirect impact 120 in. pounds (ASTM D-2794)
- Good to excellent resistance to most solvents, oils, acids and alkalis

## **PRE-TREATMENT WASH PRIMER**

- 4860-420 primer / 1000-44 activator
- Polyvinyl-butyril resin based primer
- Used on all mild steel and all weld joints
- Designed to give adhesion along to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a “pre-treatment” primer found in many air quality regulations

## **PIPE WALL**

- 1-1/4” O.D. galvanized steel support post
- Pre-treatment wash primer, Powder coat finish

## **STAIRS**

### **TREADS & STRINGERS**

- 12 gauge HR steel
- Perforated surface – 1.25” o.c. between perforations
- Polyvinyl Chloride (PVC) coating

### **ROD**

- 1/4” diameter rod

### **HANDRAILS & GATES**

- 1-1/4” O.D. pipe
- Pre-treatment wash primer, Powder coat finish

## **BRIDGES**

Arched Bridge  
BRIDGE

- 12 gauge HRPO steel
- Perforated surface
- Polyvinyl Chloride (PVC) coating
- Perforated surface - approx. 5/8" diameter spaced 1.25" apart o.c.

#### HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

### Challenge Bridge

#### BRIDGE

- Poly Sheet
- 1-1/4" O.D. round steel tube
- Powder coat finish

#### HAND RAILS AND VERTICAL PICKETS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

### Lily Pad Bridge

#### BRIDGE

- Poly Sheet
- 1-1/4" O.D. round steel tube
- Powder coat finish

#### HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

#### VERTICAL PICKETS

- 2-3/8" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

### Inch Worm Bridge

#### BRIDGE

- Poly Sheet steps
- Rubber torsion spring
- 2-3/8" O.D. round steel tube
- Powder coat finish

#### HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

#### GATED ENTRY

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish