



www.detailedplaypro.com 877-548-3100

## **Play Structure Specifications**

### **KIDS CENTER**

#### **PLASTICS**

- 1<sup>st</sup> quality linear low density Polyethylene (LDPE) – Samsung #64
- Rotational molded
- 5mm wall thickness
- UV stabilized
- Anti-static inhibitors

#### **POST**

- 6 cm Galvanized steel
- Interior and exterior corrosion resistance

#### **HARDWARE**

- Conforms to ANSI/ASCE-8-90
- Security patch to insure screw locks into vertical pipe
- Tamper resistant

### **CPS PLAYGROUND SERIES**

3.5" O.D. vertical posts

36" deck grid / 48" deck grid

24" diameter plastic / 30" diameter plastic

### **VERTICAL POSTS (STEEL)**

- 13 gauge galvanized steel (3.5" Series)
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)
- Triple Flo-Coated corrosion protection (interior and exterior)
- Interior and exterior corrosion resistance (ASTM B-117)
- Contains a minimum of 30% recycled steel and is 95%-98% recyclable
- Manufactured per ASTM 500

### **POST CAPS**

- Aluminum alloy (GM70B) manufactured and tested in accordance with ASTM Standards: ASTM B 179-68, ASTM B 108-68, ASTM E 10-66 and ASTM E 8-66
- Powder coat finish
- Available for 3.5" series or 5" series playgrounds

## **C-LINE FITTINGS**

- Aluminum alloy (GM70B) manufactured and tested in accordance with ASTM Standards: ASTM B 179-68, ASTM B 108-68, ASTM E 10-66 and ASTM E 8-66
- Mounts to vertical posts with adhesive gasket and four ¼"x1" TORX self-tapping screws with patch
- Powder coat finish
- Pre-drilled
- Available for panel or pipe applications

## **SEALING GASKET**

- Neoprene rubber
- 60 +/- 5 durometer hardness
- Used for C-Line fittings
- Double sided adhesive

## **HARDWARE**

- Conforms to ANSI/ASCE-8-90
- Security patch to insure screw locks into vertical pipe
- Tamper resistant

## **PLASTICS (TUBES / SLIDES / ROOFS / HOODS / SPINNERS)**

- 1<sup>st</sup> quality linear low density Polyethylene (LDPE) – ExxonMobil LL8450
- Rotational molded
- 3/8" wall thickness
- 2,550 psi tensile strength (ASTM D638)
- Mold-in graphics
- UV stabilized
- UV 8 Rating (tested per ASTM G155 cycle 1 guidelines)
- Anti-static inhibitors
- 19 color options

## **PVC COATED ITEMS**

### **DECKS / PLATFORMS / STAIRS**

- 12 Gauge HRPO Steel
- Perforated surface with holes spaced 1.25" apart o.c.
- Approx. 5/8" hole size after coating (5/16" hole diameter for wiggle pod tops)
- Polyvinyl Chloride (PVC) coating

## **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

- ¼" diameter rod

## HANDRAILS & GATES

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

## 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

## 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
- 13 color options

### Polyvinyl chloride (PVC) Coating

- MISTAFLEX V4612
- 80-100 mills thick
- Shore A, 65-70 durometer min. hardness (ASTM D2240-66T)
- 1,000 psi minimum tensile strength (ASTM D638, ASTM D412)
- Resistant to abrasion (ASTM D4060)
- UV stabilized
- Self-extinguishing
- Shows less dirt
- Increased traction
- 5 color options