



**Premier Polysteel Specifications for all styles receptacles and planters. Plastisol specifications included.** Last updated March 2012

## **Specifications for Receptacle and Planter**

**Base** is made of 10 gauge HR steel. Optional surface mounting plate included.

**Top** is made of 16 gauge HR steel.

**Receptacle Arch Lid** is made of 16 gauge HR steel.

**Side Bars** are made of 11 gauge steel.

**Expanded Sides** for square receptacle and planter are made of 3/4" #9 expanded metal. Round receptacle sides are made of 3/4" #9 flat expanded metal.

**Welded Rod Sides** are made of .192 welded rod.

**Laser Sides** are 12 gauge HR steel. All above are plastisol coated with UV and fungus resistant plastisol to a thickness of 1/8". All hardware is .305 stainless steel.

**Perforated Sides** are made of 14 gauge steel

## **Specifications for Plastisol (PVC) Poly-Vinyl Chloride Coating**

Material: Plastisol (PVC) shall have:

**Antimicrobial** (non-leaching) to help prevent microbiological attack on the plastisol (PVC) surface that can cause the loss of aesthetic appearance, mildew odors, embrittlement and premature product failure. Testing Data available Per ASTM G21-90.

Tensile strength of no less than 1800 psi per ASTM D412.

Elongation of no less than 200% per ASTM D412

Tear strength of no less than 300lb/in per ASTM D624.

Hardness of 90 ± 5 (Durometer, Shore A (Instant)) per ASTM D2240.

**Flammability** – Pass per FMVSS 302

**UV stabilized** – guaranteed to not show significant fading for 5 years per written warranty

Process: Prior to plastisol coating, each part shall be chemically washed, dried, heated and coated in a heat activated primer and dried. After drying, each part shall be pre-heated in a convection oven to a temperature of no less than 400° F, dipped into liquid Plastisol (PVC) and cured in a convection oven at a temperature no less than 350° F. **All parts shall have a coating thickness of .125"-.25".**

Premier Polysteel products are completely plastisol coated (frames and legs included) with a thick, UV stabilized, mold and mildew resistant plastisol coating which is compliant with worldwide standards. Premier Polysteel is committed to being an environmentally conscious company and recognizes the importance of being committed to continually finding ways to support our environment.