

## SYSTEM # 2

### PRODUCT #

INGROUND MOUNT: 45745  
SURFACE MOUNT: 45746

### VIEW OF SYSTEM

PLAY EVENTS: 5  
CHILD CAPACITY: 14  
MAX FALL HEIGHT: 48" (1,21m)  
MIN USE ZONE: 30'9" X 25'7" (9,37m x 7,80m)

### MATERIAL SPECIFICATIONS

**48" x 48" DECKS & ADA TRANSFER STATION:** All welded construction. Both platforms and gussets are made from 12 GA (.1046) thick A1011 HRPO steel that is PVC coated. Platforms connect to posts using a direct bolt fastening system with two attachment points per corner. Platform fasteners attach to threaded inserts which are factory installed to the posts.

**POSTS:** Posts are constructed using a 3.50" OD x 11 GA (.120) wall, galvanized, A500 cold rolled steel tube with a yield test of at least 50 ksi and a tensile strength of at least 55 ksi. The caps on capped posts are made from 10 GA (.1345) steel and are welded to the end of the posts. The entire assembly is powder coated.

**COLLARS:** Pipe rails connect with 2-piece collar assembly made from die cast aluminum. Each collar connects with tamperproof stainless steel hardware with attachment holes every 30 degrees. Collars shall encapsulate the component to disperse surge loads throughout the collar assembly. All collars are powder coated.

**HARDWARE:** Hardware is stainless steel or corrosion-resistant coated steel that conforms to ANSI/ASCE-8-90 (stainless steel), and has passed 100 hour salt test. Most hardware is Torx tamper resistant.

**PIPE RAILS:** Pipe rails are constructed using a 1.25" OD X 12 GA (.1046) wall, galvanized, A513 hot rolled steel tubes that are powder coated. All pipe rails connect to the posts with collars and to the deck with tamperproof stainless steel hardware.

**STEEL ARCH ROOF:** Steel Arch Roofs are made from 11 GA (.120) thick A1011 HRPO steel gussets/supports and 16 GA (.0598) thick A1011 HRPO steel. All steel arch roofs are powder coated.

**SLIDES:** Made using 1st quality linear low density Polyethylene (LDPE) that is rotational molded with 0.375" wall thickness and anti-static inhibitors.

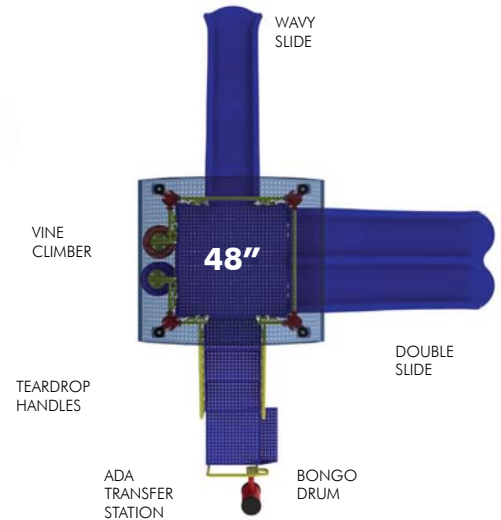
**VINE CLIMBER:** The Vine Climber is made using 2.375" OD x 12 GA (.120) wall, galvanized, A500 cold rolled steel with a yield test of at least 50 ksi and a tensile strength of at least 55 ksi. Tube exterior is powder coated, the interior is galvanized. There are eight stepping/sitting plates constructed of 11 GA (.120) thick HRPO A1011 perforated steel coated in PVC. Mounting plates are constructed from A1011 hot rolled steel with a thickness ranging from 12 GA (.105) to 0.25" (.250).

**TEARDROP HANDLES:** Tear drop handles are made from polymer with UV inhibitors and a shore hardness of 75-90A with a minimum ultimate tensile strength of 4100 PSI and a minimum elongation of 425%.

**BONGO DRUM:** The Bongo skin is made from fade resistant, UV stabilized PVC. The steel drum is 8" diameter x 12 GA A500 steel and powder coated.



### TOPVIEW



**MATERIAL SPECIFICATIONS (continued)**

**PVC (POLY-VINYL CHLORIDE) COATING\*:** Equipment shall have coating thickness of .085-.150" with texturing applied to handholds/footpads.

The PVC physical properties shall have no less than:

Tensile strength of no less than 1500 psi per ASTM 412.

Hardness of 70 +/- 5 (Durometer, Shore A) per ASTM 2240.

PVC formulated to withstand the requirements of outdoor UV exposure.

The material will meet or exceed the requirements of the Federal Safety Standard MVSS 302 and UL 94 HB requirements.

**IMPORTANT NOTE:** PVC shall comply with the Consumer Product Safety Improvement act of 2008 by having a concentration that does not exceed 0.1% of the following phthalates; DINP, DIDP, DnOP, DEHP, or BBP. This formulation is also free of heavy metals such as Lead and Cadmium.

**XCSENT'S SUPER DURABLE TWO-PART POWDER COATING PROCESS\*:** Primer Application: A minimum of 3 mil's of Xccent's proprietary marine grade primer is applied to ensure superior protection against corrosion caused by the most extreme environments. Super Durable Powder Coating (Top Coat Color): Xccent uses a Super Durable polyester/TGIC powder coating with superior color-, gloss-, and UV-stabilizing qualities ideal for exterior applications (min coating of 2.5-3.5 mils). The total coverage shall be 5 – 7 mils minimum.

\*Contact Xccent Play! for a detailed copy of our Powder Coat and PVC specifications.