

## METAL COLORS



## BLOW-MOLD PLASTIC COLORS



## ROTO MOLD PLASTIC COLORS



# COLOR SCHEMES



**FOREST- NATURAL**

- Brown - Posts
- Primary Green - Plastic
- Tan - Plastic
- Tan - Metal Accessories



**ISLAND FUN**

- Purple - Posts
- Sun Burnt Orange - Plastic
- Sunglow Yellow - Plastic
- Tan - Metal Accessories



**DAYBREAK**

- Pacific Blue - Posts
- Pacific Blue - Plastic
- Sunglow Yellow - Plastic
- Tan - Plastic
- Tan - Metal Accessories



**BLUE MOON- PRIMARY**

- Brick Red - Posts
- Pacific Blue - Plastic
- Sunglow Yellow - Metal Accessories



**PATRIOT**

- White - Posts
- Pacific Blue - Plastic
- Primary Red - Plastic
- Tan - Metal Accessories



**LAKWOOD**

- Brown - Posts
- Pacific Blue - Plastic
- Sunglow Yellow - Plastic
- Tan - Plastic
- Tan - Metal Accessories



**CASCADE**

- Brown - Posts
- Sun Burnt Orange - Plastic
- Tan - Plastic
- Tan - Metal Accessories



**BIG SKY**

- Brick Red - Posts
- Pacific Blue - Plastic
- Primary Green - Plastic
- Pacific Blue - Metal Accessories



**PLATINUM – PRIMARY**

- Tan - Posts
- Pacific Blue - Plastic
- Primary Red - Plastic
- Tan - Metal Accessories



**FIRECRACKER – PRIMARY**

- Brick Red - Posts
- Pacific Blue - Plastic
- Primary Red - Plastic
- Sunglow Yellow - Metal Accessories



**SPRING TIME**

- Brick Red - Posts
- Pacific Blue - Plastic
- Primary Green - Plastic
- Pacific Blue - Metal Accessories



**TREEHOUSE- NATURAL**

- Brown - Posts
- Tan - Plastic
- Primary Green - Plastic
- Brown - Plastic
- Pacific Green - Metal Accessories



**PIRATE SHIP – YELLOW**

- Brown - Posts
- Tan - Plastic
- Brown - Plastic
- Sunglow Yellow - Plastic
- Tan - Metal Accessories



**CASTLE – BLUE**

- Brick Red - Posts
- Pacific Blue - Plastic
- Gary White - Plastic
- Sunglow Yellow - Metal Accessories



**BACKWOODS - NATURAL**

- Brown - Posts
- Primary Green - Plastic
- Brown - Plastic
- Tan - Plastic
- Tan - Metal Accessories



**RED RIVER – PRIMARY**

- Sunglow Yellow - Posts
- Pacific Blue - Plastic
- Primary Red - Plastic
- Pacific Blue - Metal Accessories

## **Minimo - 3.5" Product Specification**

### ***Rotationally Molded Plastics***

All Rotationally Molded Products are manufactured from Low density polyethylene with UV-stabilized color. The tensile strength of this material is to be 2500 PSI as defined by ASTM D638. The nominal wall thickness will be 0.250"-0.400".

### ***Blow Molded Plastics***

All Blow Molded Products are manufactured from high-density polyethylene with UV-stabilized color. The nominal wall thickness will be 0.200".

### ***Clamps***

All clamps are die cast, high-strength 102 aluminum and are powder-coated to match the post color. Fasteners for clamps are stainless steel special tamper-resistant pinned bolt with locking patch, and a heavy hex locknut, which fits into either a hex or round shaped recess, cast into the clamp. The pinned bolt head requires a special tool for fastening (provided with each structure), thus ensuring vandal-resistance.

### ***Hardware***

All nuts, bolts, and washers, with exceptions noted, shall be stainless steel Grade 304 in varying lengths, with a vandal-resistant button-pinned head configuration and factory-applied locking patch. When allowed a 72-hour cure time, the locking patch will prevent the bolt from loosening without at least 4 times the installation torque. KidsTale will supply the special tool required to turn vandal-resistant hardware with each shipment.

### ***Plastisol Coating***

All metal deck platforms, steps and stairs are plastisol-coated. Each part is chemically washed and completely submerged in a special heat-activated primer and allowed to dry. Parts are then pre-heated and immersed in liquid polyvinyl-chloride (plastisol). The PVC coating shall have a nominal thickness of .080". This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. Standard color is brown. This product meets or exceeds the heavy metal requirements of the CPSIA Act of 2008.

### ***Powder-Coating Process***

Powder-coat shall be an electrostatically applied formula of polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. The coating also contains ultraviolet inhibitors to help prolong the life of the coating.

### ***Uprights - Steel***

The posts shall be 3 1/2" O.D. 13 – gauge galvanized steel tubing.

## **Minimo - 3.5" Warranty**

- One Hundred Year (100) Limited Warranty on aluminum and steel upright posts against structural failure due to deterioration, corrosion or workmanship.
- One Hundred Year (100) Limited Warranty on hardware against structural failure due to deterioration, corrosion or workmanship.
- One Hundred Year (100) Limited Warranty on post caps and clamps against structural failure due to deterioration, corrosion or workmanship.

- Fifteen Year (15) Limited Warranty on rails, rungs, rigid climbers, loops and decks against structural failure due to deterioration, corrosion and workmanship.
- Fifteen Year (15) Limited Warranty on all HDPE and molded plastic components against structural failure due to materials or workmanship.
- One Year (1) Limited Warranty on moving parts against structural failure due to materials or workmanship.

KidsTale warrants to its original customer for as long as the original customer owns the product and uses the product with normal use and installation in accordance with published specifications to be free from defects in materials and workmanship.

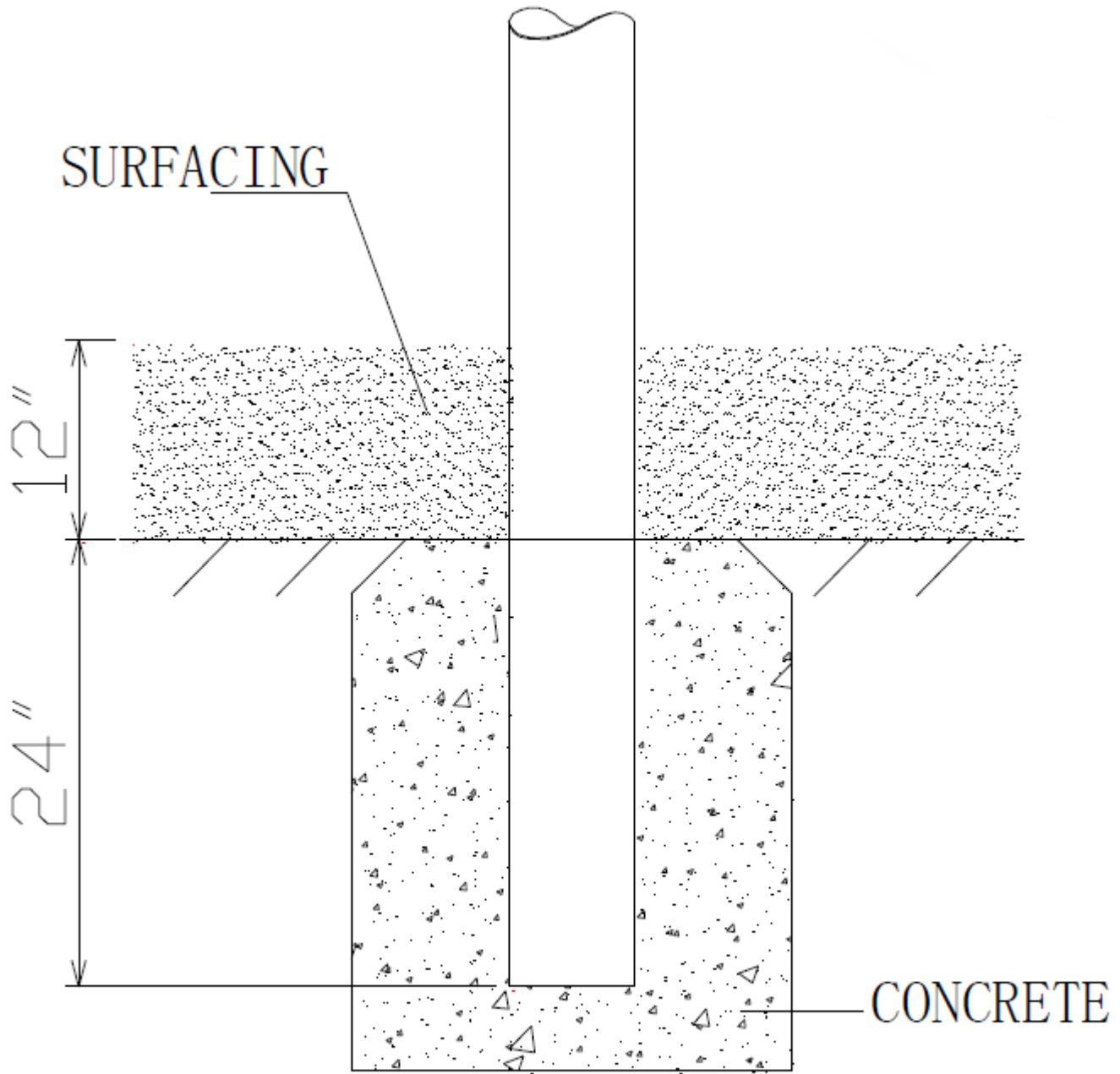
This warranty does not cover damage from misuse, vandalism, modified parts or damage such as dents, scratches, fading/weathering and normal wear and tear.

Warranty claims must be filed within the applicable warranty period. Warranty replacement parts do not include shipping cost or the cost of labor for part replacement. Replacement parts carry the applicable warranty from the date of shipment of the replacement part.



# Standard Footing with Wood Fiber Surfacing

Note: For project specific surfacing please refer to the surfacing specifications



POST IN GROUND MOUNTING

# GENERAL INTRODUCTION TO INSTALLATION INSTRUCTIONS

**IMPORTANT!** Please read the entire Installation Instructions packet before beginning the installation. The factory has designed this file to take advantage of all Consumer Product Safety Commission (CPSC) and ASTM guidelines in force at the time of purchase in an effort to prevent playground accidents. However, because studies have shown most playground injuries result from accidental falls, you, as the new owner of this equipment are responsible for providing an adequately resilient play surface under and around all playground equipment. Please refer to the accompanying Safety Guidelines as well as CPSC guidelines and this document for examples of such surfacing.

We would like to provide the following suggested guidelines for your play environment:

- Refer to the Footing Diagram and note the Minimum Area Required shown for this structure. This area must be filled with adequate resilient play surface material, and must be clear of all obstacles, including but not limited to trees, curbing, sidewalk, fence, other play equipment, rocks and landscaping, etc.
- Acceptable play surfaces include sand, mulch, fine gravel or shredded belt-less tires, if installed at the appropriate depths per CPSC guidelines for play surfacing.
- When using sand, mulch, or shredded belt-less tires, a minimum of 6" depth is recommended by the CPSC. The factory recommends an additional 6", for a total of 12", to combat the fast compacting characteristics of these materials. Surfaces must be checked at least weekly for compacting, which reduces resiliency significantly.
- Surfaces such as asphalt, concrete, gravel, or sod are not acceptable for use under playground equipment, or anywhere within the stated Minimum Area Required.
- Close supervision of children playing on or around the structure is strongly recommended, along with classroom and or home instructions on safe behavior on the playground equipment. The full supervision of playgrounds is the responsibility of the owner once the play structure has been properly installed.

**TOOLS REQUIRED:** The factory supplies only the special wrench required to fasten the "tamper-resistant" bolts. You will need common wrenches and an Allen key set, as well as a drill, string line, level, mallet, shovels, post hole digger, pry bar, washable felt tip marker, and a tape measure. A power post hole digger may facilitate installation in some circumstances.

## INSTALLATION GUIDELINES:

1. Compare all parts received to the packing list. Notify the distributor immediately of any missing parts. We are not responsible for parts discovered missing over 10 days after receipt of the shipment.
  2. Refer to your Footing Diagram to ensure this structure will fit into your actual site area. Note the Minimum Area Required measurements to determine clear space required. A minimum of 6' clearance is required between any obstacles and your structure. EXCEPT for slide exits, which require a distance X equal to the highest point of sliding surface with a minimum of 6' and a maximum of 8' from the edge of the slide (example: A Wave Slide from a 6' high deck requires 6' of clear space with resilient surfacing in front of its exit).
  3. Site selection should include considerations of what is a safe and appropriate play area:
- A level and clear site is ideal, free of power lines or electrical equipment.

- Do not install playground equipment near any bodies of water.
  - If adjacent to a street with traffic, ensure adequate fencing acts as a barrier to children running into danger.
1. Site layout should include accurate measurement and marking of all footings prior to any installation. Use the dimensions shown between footings on the Footing Diagram to plot out the actual footprint of the play structure before doing any digging. Also locate any free-standing play equipment in the same way, providing the necessary clearance between the equipment as well as any fences, trees, etc. Ensure at this time you have enough total space for the equipment to be installed.
  2. If using Inground footers, excavate holes as shown in the Footing Diagram using a string line. An optional string line level is very helpful. If a level and clear site is not possible, adjust the depth of the footings to maintain a minimum depth of 24" for support posts at the lowest grade. NOTE: If soil conditions are very loose or otherwise unstable, a larger diameter footing may be required. Inquire with local contractors for appropriate recommendations.
  3. Begin your playground installation by erecting the decks as shown within the following instructions. Once all decks are installed, components such as slides, climbers, etc., can be connected per their respective assembly instructions. Note that connecting components between decks such as Crawl Tunnels and Bone Bridges should be installed concurrently with the decks to ensure they are accurate.
  4. CPSC guidelines mandate that there shall be no gaps present in the playground equipment which fall between 3-1/2" and 9". The positioning of certain components by the installer can affect this criteria, so you should always measure distances created when attaching components in order to avoid these spaces which can cause entrapment of a child using the equipment. Also, ASTM requires that no more than 2 threads of a bolt can protrude from the nut. Any excess threads should be filed down and made smooth to the touch.
  5. When concrete is poured, be sure to keep the top 4" below the grade, and sloped away from the post to promote good water drainage. Wash off any concrete, which may have splashed onto the post before it dries. Allow all concrete to harden a minimum of 48 hours before allowing use.

#### **SAFETY DURING INSTALLATION:**

1. Before doing any excavation, inquire about any existing underground utilities.
2. Do not leave the job site unattended without making sure that all fastening hardware on all equipment are tightened and all Drive Rivets are in place to prevent clamps from moving, in case of unauthorized use. The factory CLAMPS ARE NOT DESIGNED TO SUPPORT HUMAN WEIGHT WITHOUT THE DRIVE RIVETS INSTALLED, AND SUCH USE COULD CAUSE INJURY TO THE USER AND/OR DAMAGE TO THE EQUIPMENT. It is also strongly recommended that all installation areas be roped off with clearly marked warning signs posted. Any open footings should be covered with plywood or other suitable material. Even during installation, it has been found that children will use the unattended equipment, thereby risking accidents.
3. If concrete footings and inground footers are being used, it is strongly recommended that the installation area should remain roped off for at least 48 hours after the last concrete footing is poured. Children should not be allowed to use the equipment during this period so that concrete has a chance to fully cure.
4. Do not attach swing chains or similar moving components until after all construction is complete and resilient surfacing material has been installed. Remember that any equipment, which appears to be complete and functional, will invite unauthorized use regardless of its actual state of readiness.

