











# MINIMO

Playgrounds designed with Minimo tend to be a great solution for religious organizations, daycares, multi-family housing, and schools and organizations that want to enhance their facility with a play space.



Typically, these playgrounds need to provide lots of activity in a small or medium-sized space, and the cost of purchasing, shipping and installation needs to be very reasonable.

Minimo playgrounds offer you features such as a slightly smaller footprint than standard equipment. This smaller footprint accommodates smaller play spaces with more activities without sacrificing safety or durability. In addition to providing big play in smaller

spaces, you will also enjoy lower equipment cost, shipping cost, and surfacing cost that one experiences with standard-sized playgrounds.

Minimo playgrounds are skillfully crafted with your choice of 3.5" OD galvanized steel or aluminum support posts which are, along with all of the steel handrails, barriers, gates, and climbers, coated with a baked-on polyester powder coat finish for a lifetime of protection against the elements. All steel decking and stairs are encased in a long-lasting PVC coating. The three-dimensional plastic slides, panels, roofs, and climber are rotationally molded using virgin compounded resins that



feature greater UV breakdown resistance than dry blended resins. The HDPE sheet plastic climbers and activities are specifically manufactured at the factory for high-quality control and not purchased from a supplier.



# **GENERAL PRODUCT SPECIFICATIONS**

### Galvanized Steel Tubing Mechanical Properties:

- Yield Strength (min): 49,500 PSI
- Tensile Strength (min): 57,500 PSI
- 25% Elongation in 2 inches

#### Vertical Post:

- 5" Series 11 gage galvanized steel
- 4.5" Series 13 gage galvanized steel
- 3.5" Series 13 gage galvanized steel
- 4" x 4" composite post with aluminum inter core

# Galvanized Steel Tubing:

- 3.125" O.D. 13 gage
- 2.375" O.D. 13 gage
- 1.9" O.D. 13 gage
- 1.25" O.D. 14 gage
- 1.1" O.D. 16 gage
- Formed and fabricated into required components
- Finished as specified
- Complies with ASTM standards: A-500/A-513

# **Rotationally Molded Plastics:**

- · Low density polyethylene with UV-stabilized color
- Tensile strength is 2,500 PSI as defined by ASTM D-638
- Minimum wall thickness is 0.25"

# **Blow Molded Plastics:**

- · High-density polyethylene with UV-stabilized color
- Nominal wall thickness is 0.2"



# **GENERAL PRODUCT SPECIFICATIONS**

#### **HDPE** Panels:

- 1/4", 1/2", and 3/4" high density polyethylene sheeting
- · Solid and two color sheeting
- Tested in accordance with ASTM D1928 Procedure C
- Density per ASTM D1505
- Melt Index per ASTM D1238
- Tensile Strength and Ultimate Elongation per ASTM D638 Type 4
- Brittleness temperature per ASTM D746
- Flexural modulus per ASTM D790
- Coefficient of linear thermal expansion per ASTM E831
- Textured, matte finish
- UV stabilized

### **Plastisol Coated Products:**

- 12 gage steel core
- 50,000 psi yield strenth (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- Nominal thickness of 0.080"
- Self-extinguishing
- Meets or exceeds automotive specifications NVSS302
- UV inhibitors to prolong life of the coating
- Meets or exceeds the heavy metal requirements of the CPSIA Act of 2008

#### **Powder Coating:**

- Shall be a minimum of 8 mills thick
- Electrostatically applied
- TGIC polyester powder baked on at 400 degrees
- Free of sharp edges and excess weld splatter
- Cleaned in an iron phosphate wash
- Resistant to salt spray (ASTM B-117)
- Resistant to humidity (ASTM D-2247)
- Lead free



# **GENERAL PRODUCT SPECIFICATIONS**

#### Clamps:

- · All clamping devices shall be Die Cast
- Material shall be high-strength aluminum alloy
- All clamps shall be double banded for highest clamping pressure
- All deck clamps shall be factory installed
- · Powder coated to match vertical post as specified

#### Hardware:

- · All required hardware shall be included in shipment
- All Fasteners are Stainless Steel
- Stainless Steel Grade 304
- Tamper-resistant button head TORX on principle connections
- Special tools shall be supplied in shipment
- Resistant to rust & corrosion

#### Installation Instructions:

- · Descriptive instructions shall be provided
- Instructions shall include maintenance recommendations
- Instructions shall include full color 3D illustrations
- · Instructions shall include top view details
- Instructions shall include footing details



# **PRODUCT WARRANTY**

# One Hundred (100) Year Limited Warranty

- On all aluminum and steel upright posts, post caps, and clamps against structural failure due to deterioration, corrosion, or workmanship
- On hardware against structural failure due to deterioration, corrosion, or workmanship

# Fifteen (15) Year Limited Warranty

- On all rails, rungs, rigid climbers, loops, and decks against structural failure due to deterioration, corrosion, or workmanship
- On all HDPE and roto-molded plastic components against structural failure due to materials or workmanship

### Three (3) Year Limited Warranty

• On all blow-molded plastic components against structural failure due to materials or workmanship

# One Year (1) Limited Warranty

- On all 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 damages from misuse, vandalism, modified parts, or damages such as dents, scratches, fading/weathering, and normal wear and tear

• Warranty claims must be filed within the applicable warranty period. Warranty parts will be shipped free of charge to the original destination. Warranty does not include the cost of labor for the part replacement. Replacement parts carry the applicable warranty from the date of shipment of the replacement part

