





Product Name: Alliance Cosmos
Model Number: YP387
Size: Length: 40'-8"
 Width: 37'
 Height: 21'-11"
Fall Height: 12'
Foundations: 23
Concrete Volume: 4.6 cubic yards
COMPLIANT WITH: ASTM F-1487
 CSA Z614
Ages: 5-12 years
Use Zone: Length: 54'-8"
 Width: 49'



Technical Details:

- Frame** Main Structure shall be 2-3/8" (60.5mm) diameter steel tubing, which after fabrication shall be powder coated in accordance with the specifications herein.
- Climbing Nets** 20mm diameter rope consists of 6 main strands, each strand containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 reinforcing strands. Ropes shall achieve a Class 7-8 colorfastness rating.
- Rope Ball Connectors** One-piece compressed aluminum ball connector, compressed in place with 150,000 pounds source (667kN) to prevent the connection from moving and causing premature cable wear.
- Rope End Fittings** One-piece compressed stainless steel end fitting.
- Climber Pipe Junctions** 7-3/4" (200mm) diameter structural aluminum balls with aluminum covers. Shall be powder coated in accordance with the specifications herein.
- Tensioning** Tensioning is achieved by way of a galvanized shackle and stainless steel eyebolt located at each Climber Pipe Junction capable of drawing the cables a minimum of 4"(100mm)
- Rotomolded Components** Shall be uniform construction with rotationally molded linear low-density U.V. stabilized polyethylene with a 1/4" (6mm) nominal wall thickness, available in manufacturer's standard colors.
- Flexible Surfaces** 3/8" (10mm) thick textile-reinforced rubber belt.
- Panels** Shall be made from 3/4" (18mm) thick high density, UV-stabilized and color impregnated polyethylene.
- Fasteners** All fasteners shall be stainless steel with locking patch or locking compound.
- Metal Finish** Polyester (Powder) Coating – The polyester coating shall be uniformly applied by the electrostatic method to a minimum thickness of four mils. Promptly after application of the powder, the coating shall be oven-cured at 350 degrees Fahrenheit. The color(s) of the polyester coating shall be from the manufacturer's standard color selection.
- Installation** Installation recommended by a licensed playground contractor, trained and certified on the applicable playground installation methods and standards, preferably certified by manufacturer or National Playground Contractors Association.