

Product Name	SKY HOUSE
Product Number	A2-NE-SH101
Size -- Length	3.59 m / 11' 9"
Size -- Width	3.59 m / 11' 9"
Size -- Height	3.60 m / 11' 10" 9
Foundations	

	<b>ASTM F-1487</b>	<b>CSA Z614</b>	<b>EN 1176</b>
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Safety Zone -- Length	7.25 m / 23' 9"	7.25 m / 23' 9"	6.59 m / 21' 7"
Safety Zone -- Width	7.25 m / 23' 9"	7.25 m / 23' 9"	6.59 m / 21' 7"

\*Note: Concrete must be minimum 3500 PSI / 25MPa

## Product Features:

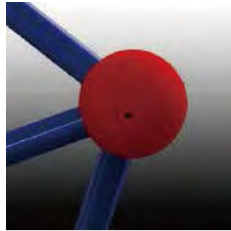
<b>SUPPORT POSTS:</b>	These will be 2 3/8" (60.5mm) OD phosphate dipped steel tubing finished with polyester powder coating, or hot dipped galvanized. This will be 5 1/2" (139.8mm) OD galvanized steel tubing, finished with polyester powder coating.
<b>PIPE JUNCTIONS:</b>	These will be steel, 8" (200mm) diameter with integrated holes for pipe connections, finished with either polyester powder coating or hot dipped galvanization. Junction caps are affixed with stainless steel bolts.
<b>CLIMBING NETS:</b>	These will be 20 mm diameter, polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 steel reinforcing strands; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. Rope shall achieve a Class 7-8 Colourfastness rating.
<b>CLIMBING PANEL:</b>	This will be 11/16" (18mm) HDPE (high density polyethylene) sheeting. This material is durable, weather resistant and non-toxic.
<b>BALL KNOTS:</b>	This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667 kN) to prevent the connection from moving and causing premature cable wear.
<b>ANCHOR BOLTS:</b>	Mounting plates will be secured to concrete blocks with 7/8" (22mm) diameter x 20" (500mm) long "L" Anchor bolts, inserted into the wet concrete when poured.

COMPLIANT WITH:

**CAN/CSA-Z614-07**  
**ASTM F-1487-11**  
**EN-1176**  
**CPSC Handbook for Public Playground Safety**



Support Posts



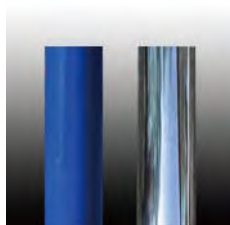
Pipe Junctions



Climbing Net - 20 mm



Ball Knot



Support Posts



Expansion Bolt