# No. 4500-110 TimberCraft® Net Climber Structure™

TimberCraft Net Climber Structure shall be model No. 4500-110 surface mounted in the color finished selected by the owner’s representative and in the quantity shown on the bill of materials or the project drawings. Manufactured by Columbia Cascade Company, 1300 SW Sixth Avenue, Suite 310, Portland, OR 97201 U.S.A. Phone 503/223-1157.

**GENERAL**

All fabrication shall take place in an enclosed factory environment by personnel experienced in the manufacture of children's play apparatus.

**1. MATERIALS**

Climbing Structure shall consist of posts, wood decks, Explorers’ Bridge, stainless steel slide, mesh walls, and rope net climbers.

Timber pole posts shall be hand-hewn coastal Douglas fir (Pseudo-tsuga menziesii), 8” dia. (+2”/- 0”), clean peeled of bark and sanded. Pole bases shall be 3/4” mild steel plate with four 13/16” dia. holes provided for anchor devices, by others.

Deck timbers shall be 2 x 6 (nominal) Playground Equipment Grade free-of-heart-center premium Douglas fir selected by the equipment manufacturer for strength, durability, and appearance. There shall be no loose knots, knotholes, shake, unsound wood, white speck or honeycomb allowed. To eliminate slivering, timbers shall be free of wane. Planer skips are not allowed in dressing. Deck frame shall be 1/4” mild steel plate.

Mesh wall assembly shall consist of frame and net. Frame shall be 1” i.d. schedule 40 steel pipe. *Thin wall tubing is not acceptable.* Mesh shall be polyester rope, natural color.

Climber nets shall be 16 mm braided polyester rope with internal galvanized steel cable(s), natural color, permanently affixed to ferrules.

Hardware shall be provided in sufficient quantity to complete assembly of the TimberCraft play equipment. All hardware shall be non-ferrous, color finished with CASPAX-7, galvanized, or electrostatic zinc plated in accordance with the manufacturer's standard.

**2. CONSTRUCTION**

Poles shall be peeled by hand. *Poles that have been machine peeled or that include bark will not be accepted.* To effectively receive pressure preservative treatment, all fabrication, including sawing and drilling must be completed prior to preservative treatment.

All welds shall be smooth and continuous with no gaps or pin holes. Final product shall be free of weld spatters and burrs.

**3. FINISH**

All wood components shall be pressure treated with a non-toxic child safe preservative after all fabrication is completed. *Preservatives containing arsenic, pentachlorophenol, creosote or similar toxic chemicals as their active ingredient shall not be used.*

Mesh wall frames, deck frames and posts bases shall be finished black with CASPAX-7™, a tough, opaque, UV resistant exterior grade polyester powder coating applied to a minimum thickness of 6 mils. *Liquid, epoxy or lead-containing powder coatings are not acceptable*.