

Instructions for Installation of a One-Piece Metal Craft Docks Stairs System

Part No. 7602-01

Overview: The Metal Craft Docks Stairs System is shipped fully assembled and ready for installation. The Stair System is self-leveling, i.e., the angle of the stairs is adaptable to the slope of site, while ensuring that the stair treads are level and the upright posts holding the handrail are at true vertical. The stairs system is secured to the hillside by use of 5'L x 2"OD Aluminum Pipe installed at 3' - 4' intervals on both sides of the stairs for its full length. The pipes can either be driven by hammer or installed in concrete. The pipes are attached to the stairs by means of aluminum clamps that are pre-positioned on the stairs.

Step #1: Unload stairs from transportation carrier's flatbed truck. Use nylon slings to position the stairs into place on the hillside.

Step #2: The stairs are shipped in their "compressed" position and now must be "opened up." Loosen the four stainless steel bolts holding each stair tread in place (loosen, do not remove). Rotate and lift the stair system section to a straight up and down vertical angle. The stair treads will also rotate into place and should be horizontal. Both can be verified with a carpenter's measure. When the stairs are set to your satisfaction, tighten all stainless bolts.

Step #3: Install the supplied 5'L x 2"OD Aluminum Pipe supports by either driving them into the hillside using a post driving tool or by digging out a post hole and setting the Aluminum Pipe in cement. Mounting Brackets for the Aluminum Pipe are pre-installed on the stairs system. The Mounting Brackets can be relocated by unbolting them and reinstalling at an alternate location if there is a need. Support stairs at top, bottom and at 3' - 4' intervals along each side. Trim unused pipe. Install supplied Vinyl Pipe Cap on top of each pipe for safety if your system is a single handrail.



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Step #4: Install the supplied handrail support uprights and secure to the handrail support bracket. Set handrail uprights to desired height (standard is 36"H from step) and tighten with supplied fasteners. Place supplied handrail swivel fittings onto the top of each pipe.

Step #5: Feed the handrail pipe through the swivel fittings and tighten with supplied fasteners once the pipe is in the desired position. Use gray plastic caps supplied to cap off pipe on the exposed ends.

Step #4: Inspect Stairs System after installation of the Aluminum Pipes.

Check that

- Stairs are straight.
- Access to the Stairs at top and bottom is safe.
- Stairs are firmly bolted in place at each Mounting Bracket.
- Stairs stainless fasteners are tight at all locations.

