

# GENERAL INSTALLATION/SPECIFICATION GUIDE



**Please Note!!**

## Tools Required For Assembly

- 4mm & 5mm allen wrenches.
- #2 Phillips & #2 Square screw driver.
- 1/4" x 20 thread tap.
- 1/4" Drill bit

## Step 1: Rail Installation

(A) Slide brackets into rail, recommended maximum spacing 32 inches apart. Pre-drill holes in wood if needed and screw brackets in place.



Aluminum Rail Rod



Horizontal Bracket  
(Roller type)



Vertical Bracket  
(Roller type)



Vertical Bracket  
(Hook type)



End View

(B) Use the splice kit to connect rails together. (If applicable) Insert roll pin halfway into one of the rails. Slide the steel bar half-way into rail. Secure the splice kit to rail on both sides by tightening the set screws.

Rolled steel pin



(C) Tap the end of the rail with a 1/4" x 20 tap (not supplied) to screw in the end stop finial (done before installation of rail). Install end cap with screw provided using a 4mm Allen wrench.

**Note:** Leave at least a **7 inch clearance** above the rail for the top guide hardware to operate properly, and allow the ladder to move against the wall for storage.



## Step 2: Ladder Assembly (if applicable)

Assemble the steps onto the side rails with glue and screws. Glue and pin nail the top turned rung into place.

## Step 3: Ladder Hardware Installation

(A) Install steps support rods under each step using 5mm allen

(B) Drill holes and install top guides to ladder centering the top dowel (top dowel recommended) of the ladder. The placement of the holes will allow a small adjustment of height of ladder, either up or down.



Install Top Turned Rungs

Use a forstner bit, drill 7/8" hole part way through for the turned rungs

**Top Turned Rung**

16-1/4" long x 1-1/4" Dia., 7/8" Dia. ends.  
14-3/8" Inside Width Unfinished



(C) Line up bottom rollers vertical to the floor when ladder is in the climbing position Pre-drill holes and install bottom rollers.



Ladder in the  
climbing position



Ladder in the  
stored position

Note: Proper Pre-drilling of holes for the wood screws on the bottom of the ladder will prevent splitting of the ladder side rails