



## 300 Series Level Railing Kit Installation Instructions.

### RECOMMENDED TOOLS AND MATERIALS

- |             |                  |
|-------------|------------------|
| * MITER BOX | * LEVEL          |
| * HACKSAW   | * MEASURING TAPE |
| * PENCIL    | * DRILL          |

- 1) Check all local building codes for design load requirements for railing applications.
- 2) Install and prepare all mounting surfaces and post to which your new low maintenance rail will be installed.
- 3) Measure the opening that the lower rail (2" x 3.5") will be installed.
- 4) When trimming rails for installation, be sure to cut an even amount from each side. This will allow for equal spacing of the pickets. Note: Double aluminum system has an insert; use proper saw for trimming.
- 5) Slide mounting brackets on each side of bottom rail.
  - a. Double aluminum system: Continue to step #6
  - b. Single aluminum system: Flip over rail and install foot block in 1-3/8" hole notched end of foot block in rail.
- 6) Place rail in opening and fasten brackets to post with eight 1-1/4" screws provided.
  - a. Single aluminum system: Foot block should be tight to deck surface and level, if needed.
  - b. Double aluminum system: Rail should be 2" to 4" off deck surface and leveled.  
(Tip: use scrap from trimming to hold rail off deck surface).
- 7) Secure rail in place using four 3/4" self-tapping screws in slots on each side of brackets. Cover all screws with PVC caps provided in kit.
- 8) Measure from very top of bottom rail bracket up 28-1/2" and make a mark with pencil. Then find center of mounting surface and mark again. This will serve as an indicator for the top bracket placement. Using this mark install 1-1/2" screw in the bottom hole of the bracket, square bracket and install remaining two screws. Repeat on other mounting surface.
- 9) Measure between top brackets for rail length. Trim from both ends as in step #4. This rail has an aluminum insert; use proper saw to cut.
- 10) Place pickets in bottom rail. Then install top rail starting from one end to the other, inserting pickets in corresponding holes.
- 11) Secure rail by using four 3/4" self-tapping screws in slots on each side of brackets.
- 12) Place PVC cover clip over each aluminum bracket, by spreading cover open and aligning snap tabs in top and bottom grooves of aluminum bracket. Be sure cover clip locks in place.
- 13) If using a post cap apply glue on inside edges and install. Should the railing system have any loose dirt or grime on it from installation, simply wipe off with mild soapy water and soft towel or sponge.