

2" ALUMINUM POST INSTALLATION INSTRUCTIONS

IMPORTANT NOTES: Do not install base plate cover until railing assembly is completed. 3" posts are required to reach 6' and 8' lengths. 2" posts must be set in-line to panel. If installing lighting, wiring must be installed prior to securing posts to deck surface and installing top rail snaps. It is the responsibility of the installer to meet all local code requirements and obtain all required building permits. The installer should determine and implement appropriate installation techniques for each installation situation. The manufacturer or its reseller shall not be held responsible for improper or unsafe installation.

SUGGESTED TOOLS: Cordless Drill, 3/16" Drill Bit, #2 Sq. Driver Bit, 5/8" Drill Bit (optional), and Safety Glasses.

DECK/LEVEL APPLICATIONS

1 DETERMINE POSTS REQUIRED AND PREPARE

(end, center or corner post configurations)

NOTE: 2" Posts must be installed with center screw chases in-line with panel (Dia. 1A).

- Refer to Panel Install Instructions. Install lower clip on post and secure with (2) - #8x3/4" self-tapping screws. Clips are included in Panel Kits.

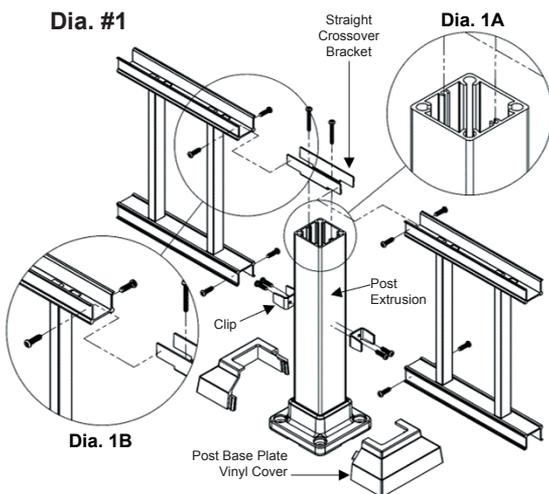
2 SECURE POSTS TO DECK

Install proper post blocking as per Dia. #2. Use proper Post-to-surface mounting screws or anchors (not included with kits) as directed on next page.

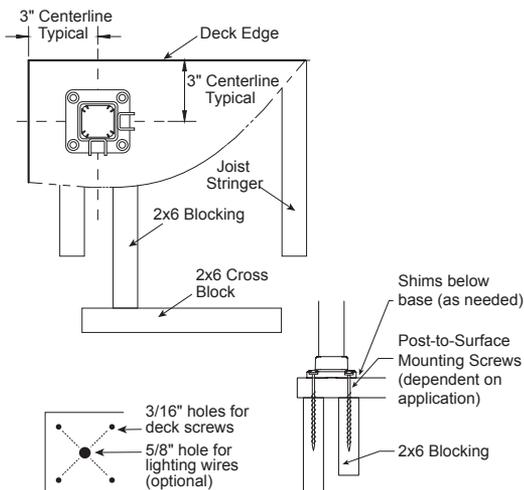
- With 3/16" drill bit, pre-drill through deck boards and into blocking.
- Drill a 5/8" hole in center of four deck screw holes for lighting wires (optional).
- Level and plumb post using shims.
- Secure posts to deck with suggested screws.

3 INSTALL CROSSOVER BRACKET AND BASE PLATE COVER

- With #2 Sq. driver bit, fasten straight crossover bracket (included) into post with (2) - #8x1.5" self-tapping screws. (Dia. 1A) Note: self-tapping screws must be installed in screw chases in-line with panels.
- With #2 Sq. driver bit, fasten H-channel to straight crossover bracket with (4) - #8x3/4" self-tapping screws. (Dia. 1B) Repeat for lower clips.
- Install base plate vinyl cover after railing assembly is completed. (Dia. #1)



Dia. #2



2" ALUMINUM POST INSTALLATION INSTRUCTIONS

STAIR APPLICATIONS

1 DETERMINE POSTS REQUIRED AND PREPARE

(end, center or corner post configurations)

NOTE: 2" Posts must be installed with center screw chases in-line with panel (Dia. 3A).

- Refer to Stair Panel Install Instructions. Install lower clip on post and secure with (2) - #8x3/4" self-tapping screws. Clips are included in Stair Panel Kits.

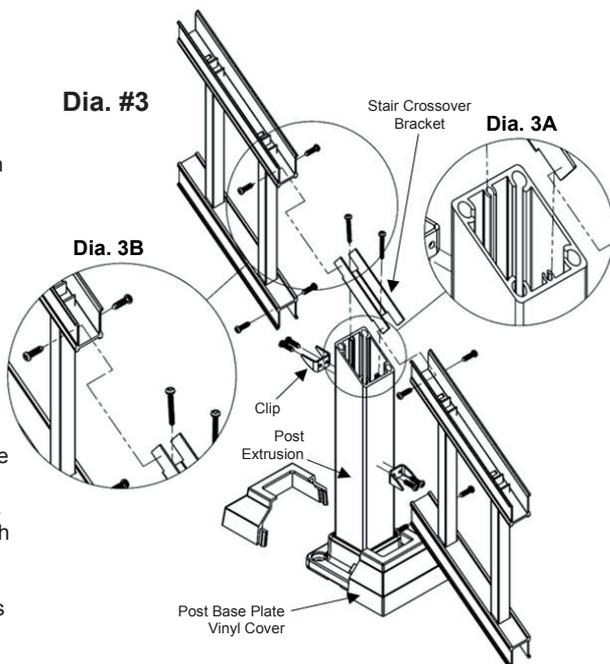
2 SECURE POSTS TO SURFACE

Install proper post blocking as per (Dia. #2). Use proper Post-to-surface mounting screws or anchors (not included with kits) as directed below.

- With 3/16" drill bit, pre-drill through deck boards and into blocking.
- Drill a 5/8" hole in center of four deck screw holes for lighting wires (optional).
- Level and plumb post using shims.
- Secure posts to deck with suggested screws.

3 INSTALL STAIR CROSSOVER BRACKET AND BASE PLATE COVER

- With #2 Sq. driver bit, fasten stair crossover bracket (not included with post kit) into post with (2) - #8x1.5" self-tapping Screws. (Dia. 3A) Note: self-tapping screws must be installed in screw chases in-line with panels.
- With #2 Sq. driver bit, fasten H-channel to stair crossover bracket with (4) - #8x3/4" self-tapping screws. (Dia. 3B) Repeat for lower clips.
- Install base plate vinyl cover after railing assembly is completed. (Dia. #3)



POST-TO-SURFACE MOUNTING SCREWS:

3" Posts – Residential Deck Applications – 5/16" X 6" Exterior Torx/Star Drive Construction Screws

3" Posts – Commercial Deck Applications – 3/8" X 6" Exterior Torx/Star Drive Construction Screws

2" Posts – Res. & Com. Deck Applications – 3/8" x 6" Exterior Torx/Star Drive Construction Screws

3" Posts – Residential Concrete Applications – Tapcon® 5/16" x 3" Hex Washer Head Concrete Anchor