AL-MAR
Vinyl Products

WARNING!

Important Information regarding the care, use and warranty of this vinyl product is included in this set of instructions

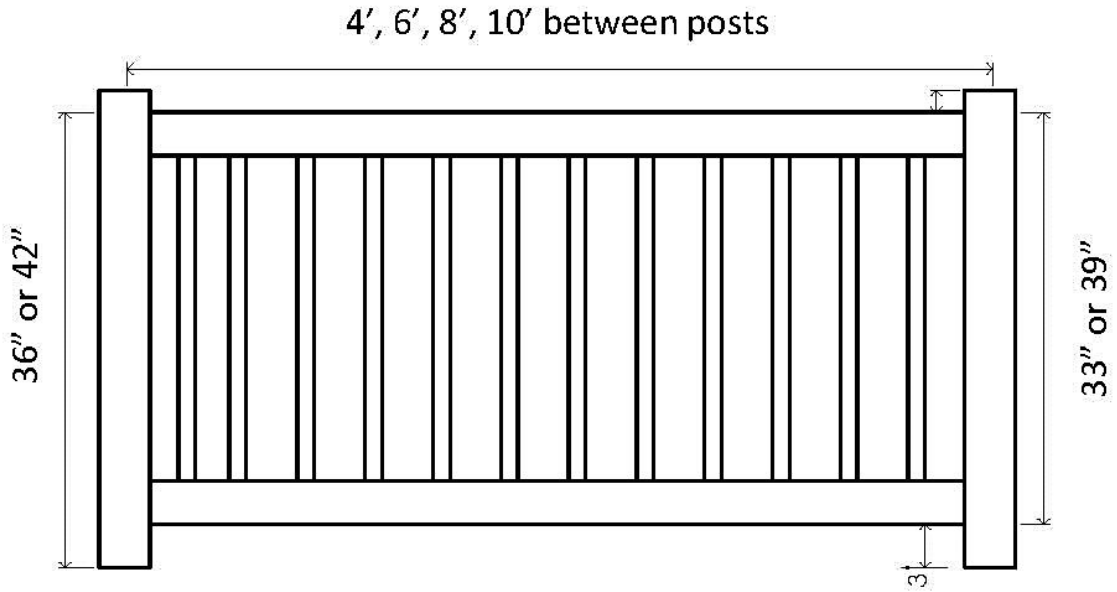
It is imperative that the homeowner gets this document after installation

AL-MAR

Vinyl Products

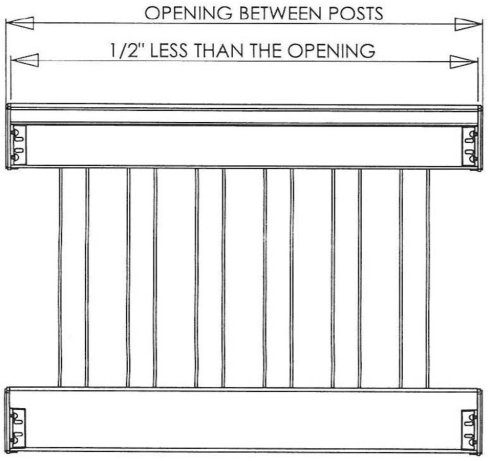
Instructions Pages

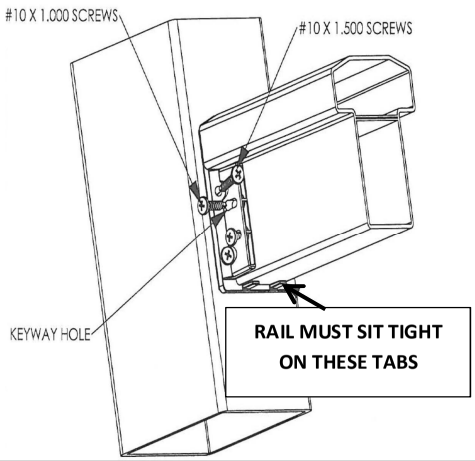
- Railing Instructions - 3 Piece Bracket Kits
- *Angle Wizard* Post Mount
- New England Post Kit
- Colonial Porch Post
- Newel Post
- Warranty



3 PIECE BRACKET SYSTEM INSTALLATION INSTRUCTIONS

Supplemental – Please Read!



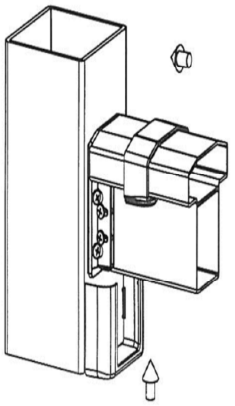


Horizontal Bracket Installation

1. Begin by pre-assembling the railing section on the ground. The section should be cut ½" shorter than the length of the opening between the posts. When cutting rails, make sure to cut both ends of the rail, keeping in mind the spacing from the last picket to the end of the rail. This dimension must be at least 1½". Attach foot support to underside of bottom rail.
2. Place one bracket on each end of both the upper and lower rails. Insure that the resting tabs are flush with the bottom of each rail.
3. Position the entire section between the posts and at the desired height above the decking surface. *NOTE: if using the drilling template (which is highly recommended), see instructions for it on page 2.
4. Install the supplied #10 x 1.5 long screws into the angled flanges of the bracket into the post utilizing (4) screws per bracket. It is important that the brackets are centered on and square with the posts. If not using the drilling template, put one screw in first and do not tighten it as the bracket will shift. Put another screw in on the other side of the brackets. Tighten both screws gradually; making sure the bracket stays centered and square. Add the remaining 2 screws and continue to make sure bracket stays in position. Repeat this step for all 4 brackets. (NOTE: when using aluminum stiffeners inside the posts, pre-drilling may be required). Make sure screws go in on a 30 degree angle – perpendicular to face of bevel on bracket. See picture above.
5. Make sure rails are seated firmly on the resting tabs on the bracket. Install the supplied #10 x 1.0 long screws into the sides of the bracket and into the rail. Insure that the screw placement is into the keyway hole closest to the post. This will allow for thermal contraction over the life of the system. Utilize (4) side screws per bracket for optimum performance. Repeat this step for all 4 brackets.

Video Installation instructions can be found @ https://www.youtube.com/watch?v=RyGSkdw52GE

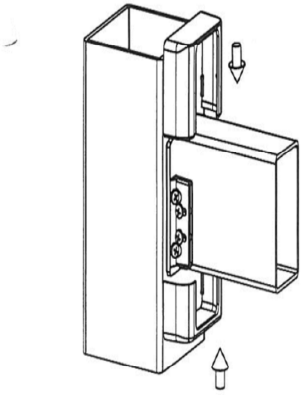
3 PIECE BRACKET SYSTEM INSTALLATION INSTRUCTIONS



T-RAIL COVER INSTALLATION

1 - STRETCH THE T-RAIL TOP COVER OVER THE T SECTION OF THE RAIL AND SLIDE IT BACK AGAINST THE POST UNTIL IT SNAPS INTO THE BRACKET.

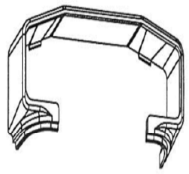
2 - HOLDING THE BOTTOM T-RAIL COVER FIRMLY AGAINST THE POST, SLIDE THE COVER UPWARD UNTIL IT SNAPS INTO THE BRACKET.



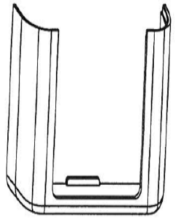
2 X 3-1/2 COVER INSTALLATION

1 - HOLDING THE TOP 2 X 3-1/2 COVER FIRMLY AGAINST THE POST, SLIDE THE COVER DOWNWARD UNTIL IT SNAPS INTO THE BRACKET.

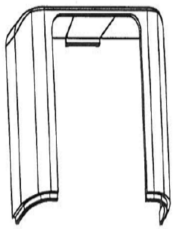
2 - HOLDING THE BOTTOM 2 X 3-1/2 COVER FIRMLY AGAINST THE POST, SLIDE THE COVER UPWARD UNTIL IT SNAPS INTO THE BRACKET.



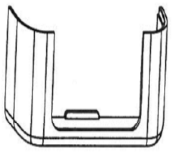
T-RAIL COVER TOP



T-RAIL COVER BOTTOM



2 X 3-1/2 COVER TOP



2 X 3-1/2 COVER BOTTOM

Template for use with LMT 3-Piece Covered Bracket

Cardboard template is included on pg 5

Optional – Metal Template: Part# LBKTEMP

The template can be used to make it easier to install the LMT railing brackets, especially when being done by one person. It is very important that the brackets are centered exactly on the post and that the screws are put in on the correct angle.

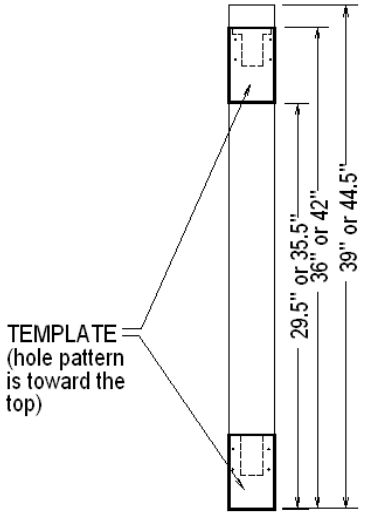
The template is designed so that it can be held on the post to locate pilot holes that will allow the bracket to be in the correct location. Use a 7/64 or 1/8 drill bit.

The pilot holes should be drilled only deep enough to allow the screws to get started in the pilot hole, usually about 1/8" deep. Drilling the pilot hole too deep will be a problem since the bracket screws have to be driven in on a specific angle due to the design of the bracket (approximately 30 Degrees).

The template is designed so that the bottom of it sits on the deck surface (with the hole pattern towards the top). This will locate the bottom rail 3" above the deck surface which will match the foot support. *Note* Short Belly, Classic and Estate Railings utilize a 2" bottom space rather than 3", so template must be turned upside down and holes marked while holding the template ¾" off deck surface. This will locate to holes 1" lower than standard.

For the top rail, the template is located by lining up the top of the template with where you want the **top** of the rail, or by using the dimensions on the attached drawing for either tall or short railing.

When using the template for stair rails the top of the rail will be about ½" higher than the template due to the mitered cut.



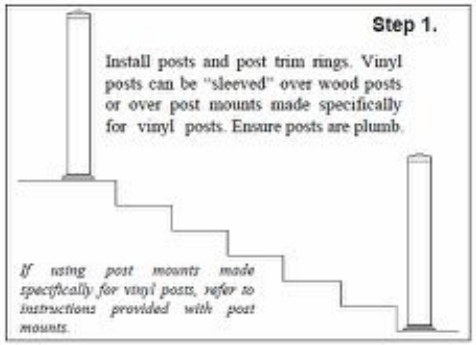
Stair Rail Installation Instructions

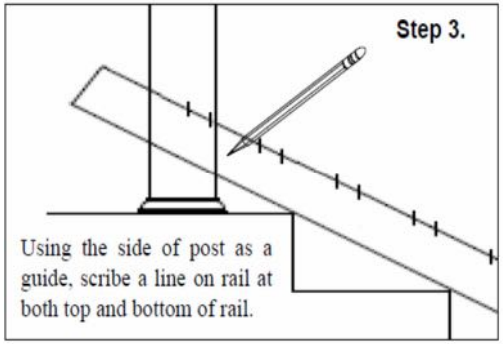
Please Note The Stair Box should have an orange label

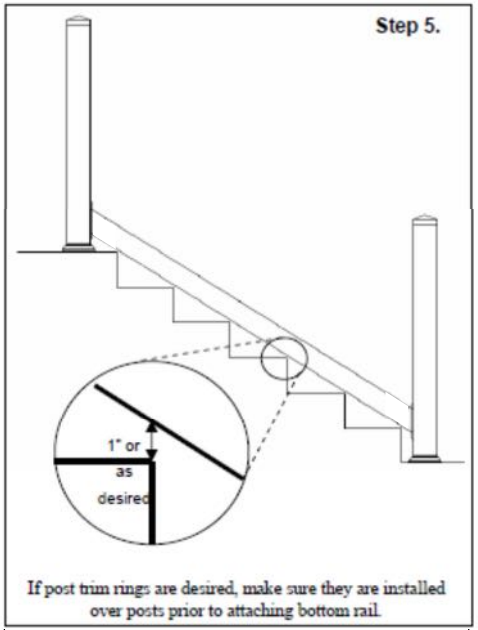
These instructions assume that steps have a typical angle between 30° and 40° and that the posts are plumb. See the "Rise/Run" chart on page 5 to determine angle of stair rail. These instructions explain how to install stair rail in a typical application. For alternate applications, or for any other vinyl fence and handrail information, please contact the office.

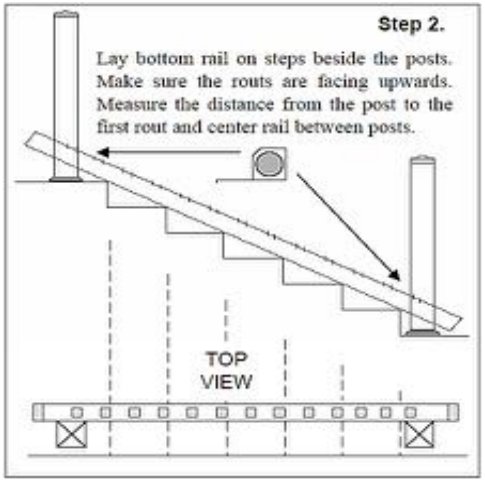
Always check with your local building code official for regulations specific to your area.

Posts, Post Caps and Post Trim Rings are sold separately. Load bearing Columns, Round Column Adaptors, Wall Mounts and other accessories also available.
NOTE – Posts at bottom of stairs should be ordered the next longer length and trimmed to suit

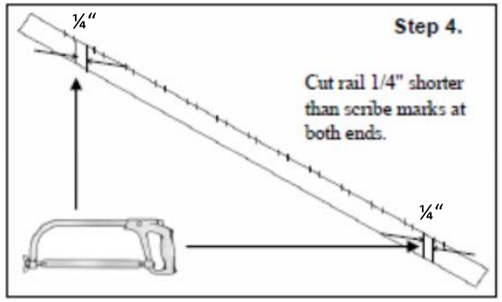








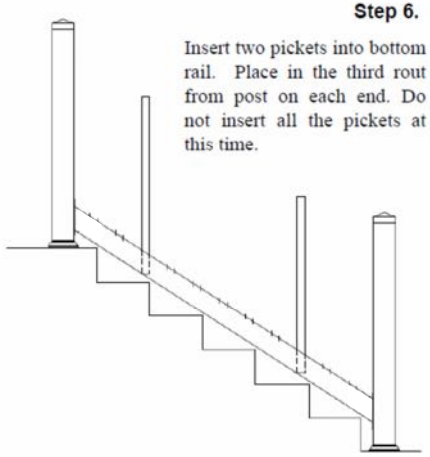
If possible, place the first and last picket hole at least 1 ½" from the post to allow for the bracket cover, and no more than 4" from the post to maintain building code compliance.



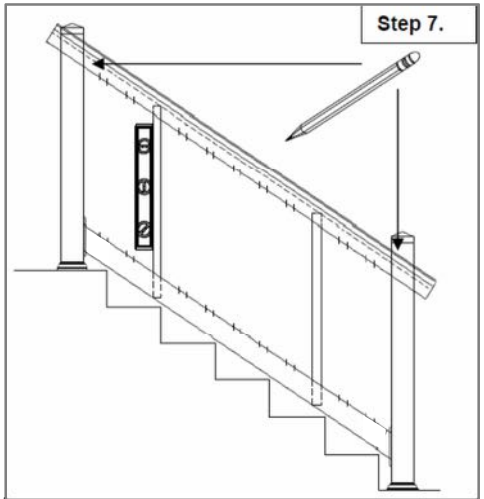
*Position bottom rail between posts. Ensure the distance between the underside of bottom rail and nose of tread is at the desired distance. A 1" or 1.5" or 2" spacer can be put under the bottom to achieve the desired height.
*Mark bracket location on posts assuring that the bottom of the rail will be resting on the tabs at the bottom of the bracket. Attach brackets making sure they are centered on the post. If using the drilling template make sure hole pattern is at the right height. The lower set of holes should be 1/2" above bottom of rail.
*Install bottom rail into brackets. Do not attach with screws yet.

Step 6.

Insert two pickets into bottom rail. Place in the third rout from post on each end. Do not insert all the pickets at this time.



Step 7.



Position uncut top rail onto pickets. Make sure that pickets are inserted into the same corresponding routs as bottom rail. Using a level, ensure that pickets are plumb. Scribe top rail as in Step 3. Now remove top rail.

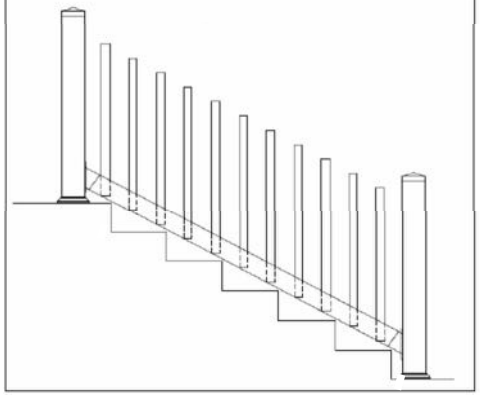
Note height of top rail. Pickets may have to be shortened to get top rail at desired location. If the aluminum insert has been removed from top rail, keep in mind that the top rail will be 1 3/4" higher with stiffener installed. According to building code, the top of the top stair rail needs to be 36" above the noses of the stair treads (measured vertically). This may mean locating the top rail higher on the upper post than the adjacent horizontal railing section.

While this does not look as attractive as having the rails lined up, the building code should be taken into consideration when making this decision.

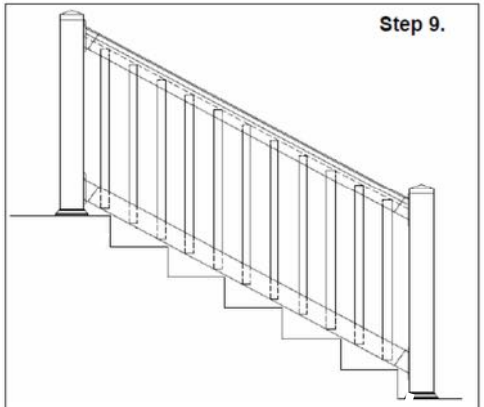
Re-insert stiffener (if removed) and cut rail as in Step 4. Once again, insert the cut Top Rail onto the 2 pickets, as in step 6 and if everything looks correct, mark the location of the brackets assuring that the bottom of the rail will be resting on the tabs. Attach brackets as in Step 5.

Step 8.

Insert the remainder of pickets into bottom rail. Ensure pickets insert fully into rail and extend all the way to the bottom. Pickets will insert approximately 4 inches.



Step 9.



Reinstall the now cut top rail with aluminum insert onto pickets. Ensure pickets insert fully into top rail and extend all the way to aluminum insert (approximately 2 inches). Make sure top rail is resting on the tabs on the bottom of the bracket. SEE STEP 5 IN HORIZONTAL INSTALLATION

Step 10.

Install covers using the picture below as a guide as to which cover goes where.

Put the top covers on first and slide bottom covers up into top covers and press until tight to rails.

When attaching covers, make sure that the tabs on the covers are nested in the recess on the bracket. This insures a tight fit to the post.

*TIP:

When fitting the top bracket cover over the T-Rail, be careful not to spread it any wider than necessary to avoid breaking it. Hook one side under the lip of it to the T-Rail first and then gently spread until it snaps over the opposite end.

Note which covers are flat and which parts are angled to make sure the right cover goes in the right location

*

****NOTE** The lower cover pieces look very similar to those on the horizontal brackets but they are NOT interchangeable**

TABS ARE ALWAYS ON THE TOP ½ OF THE COVER

MANUFACTURERS & DISTRIBUTORS OF
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FENCE ● DECK ● RAIL ● DOCKS ●
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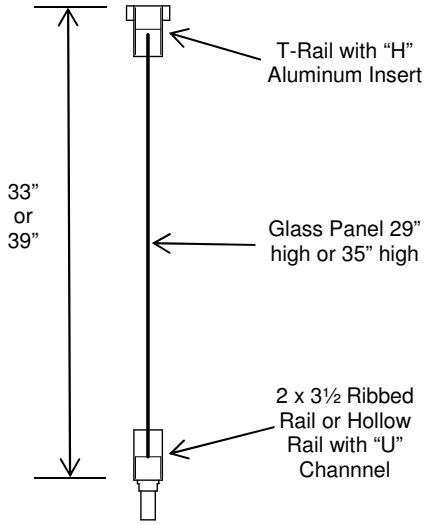
Glass Railing Instructions

1. Install brackets for the top and bottom rail at the proper height.

2. Install bottom rail only using the method described in the standard railing instructions.

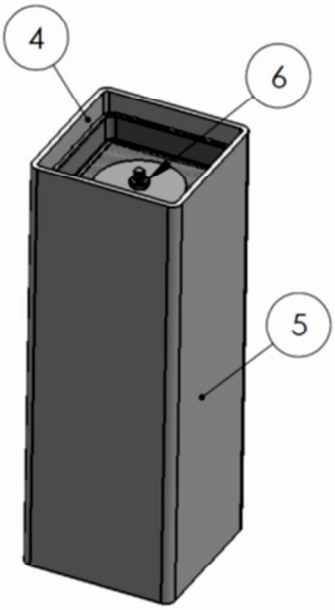
3. Install "U" Channel that supports glass in bottom rail. If bottom rail has no intermediate rib in it. See Drawing below.



4. Install glass panels into slots in bottom rail and have 1 person holding the glass in place.

5. Install top rail onto glass panels and onto brackets. Be careful not to lower top rail below bracket location or glass will come into contact with aluminum stiffener inside rail and may cause glass to shatter.

Angle Wizard Post Mount Installation Instructions



STEP 1 - Lay out the location of the post.

STEP 2 - Install the post mount to the decking surface as required.

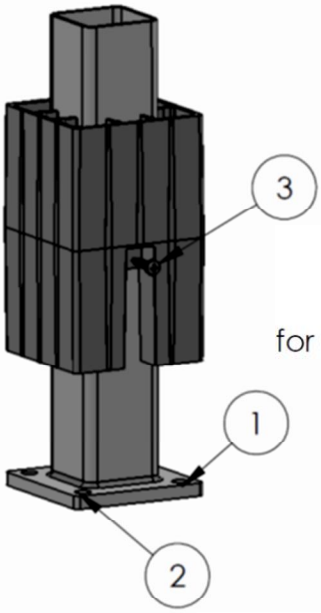
STEP 3 - Slide the bottom post mount guide up to the desired height so that the guide will be centered on the brackets that will be used to attach the railing. Secure in place by drilling a 1/8" hole in the area shown and installing the supplied #10 screw.

STEP 4 - Install the post sleeve onto the the guides

STEP 5 - level and plumb the post in position and hand tighten the center nut to hold the post in place.

STEP 6 - Check for level and plumb again. Tighten down the center nut using a 7/16" socket.

Note: - Top guide can be flipped over if needed to produce a 42" tall post mount. A socket extension will be required to tighten nut.



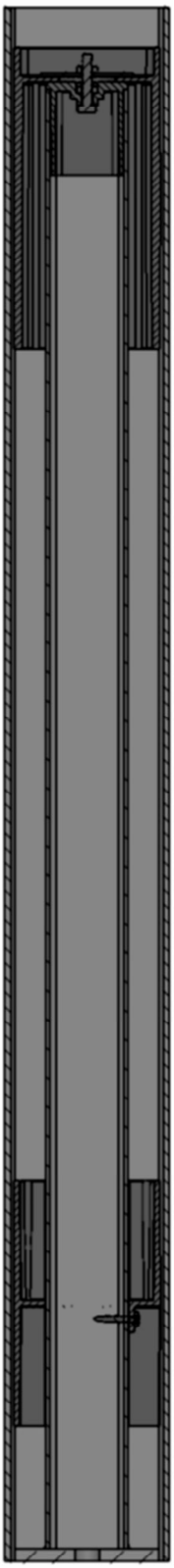
IMPORTANT:

Installer must consult local code officials for compliance to building code requirements.

For Code Applications

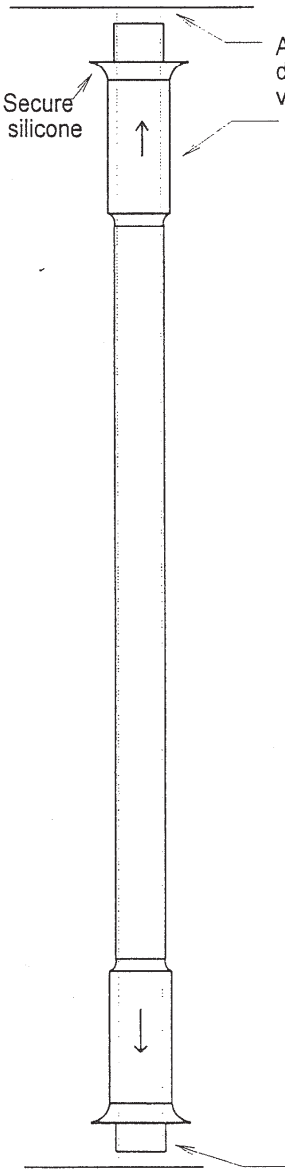
See Engineered Documents:

- Test Report to Support Railing Summary Drawing
- Summit or Angle Post Mount Attachment



Made In USA of U.S. and imported parts.

Installation Instructions for New England Post Kits



Attach wood insert to structure as desired but do not have fastener heads sticking out past 5x5 vinyl sleeve.

Slide New England Kits over vinyl post prior to installing.Slide up to end of post after wood insert has been secured to structure.

5" trim is shipped loose. Secure to New England Kit with silicone or PVC glue.

Vinyl sleeve does not have to be as long as wood insert. This allows room for fasteners or brackets that attach the wood insert to the structure not to interfere with 5x5 vinyl sleeve.

INSTALLATION INSTRUCTIONS
4x4 and 5x5
STRUCTURAL PORCH POST

TOOLS REQUIRED:

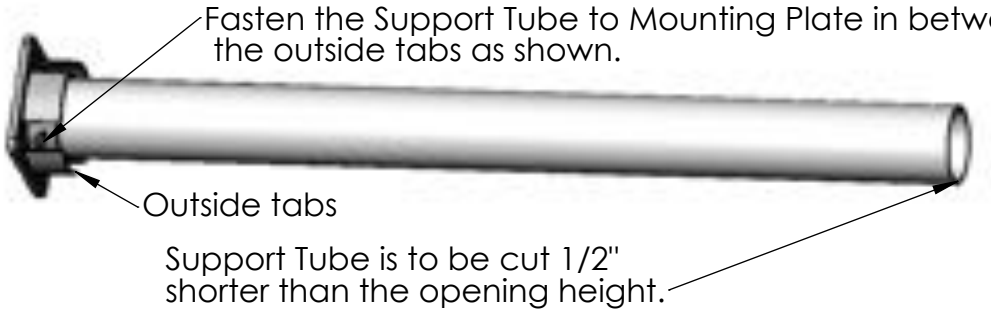
- Chop/Mitre Saw with carbide tipped blade
- Tape measure
- Pencil
-Drill and drill bits
-Level

HELPFUL HINTS:

- DO NOT LAY VINYL PARTS ON ABRASIVE SURFACE S
- 1/8" Tapcon anchors are recommended for installation on concrete.(Not provided.)
- Use a carbide-tipped multi-purpose blade.
- If any components are missing or defective, please call us at 888-570-5252

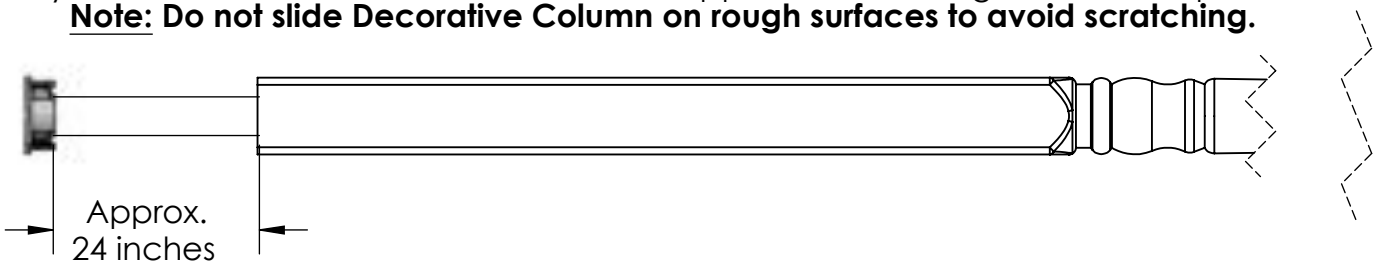
1) Measure the opening height and cut the Aluminum Support Tube 1/2" shorter than that height.

2) Insert the Aluminum Support Tube into the Mounting Plate and fasten it together using the (4) #10 x 1.000" screws provided.

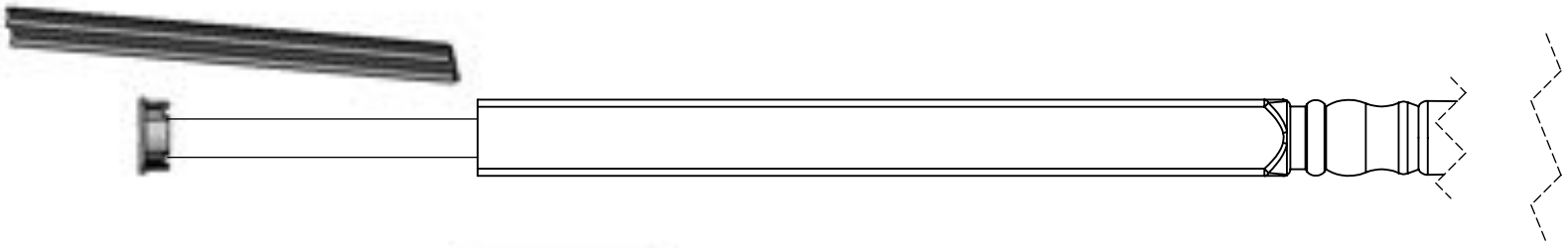


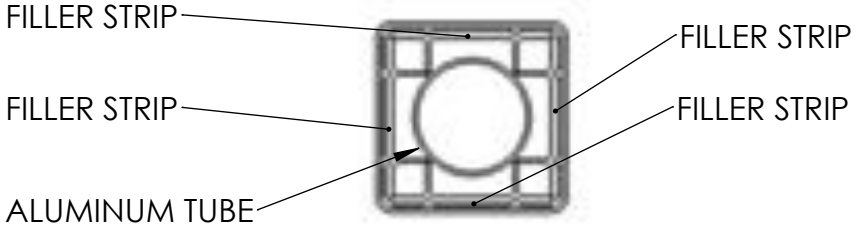
3) Cut the Molded Decorative Column 1-1/4" shorter than the opening height.

4) Slide the Decorative Column over the Support Tube leaving about 24" exposed.
Note: Do not slide Decorative Column on rough surfaces to avoid scratching.



5) Slide a filler strip into each side of the Decorative Column in between The Aluminum Support Tube and the inside wall of the Column. Do this on all 4 sides.



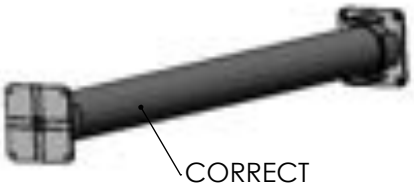


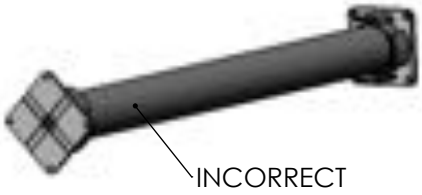
Proper Filler Strip Installation

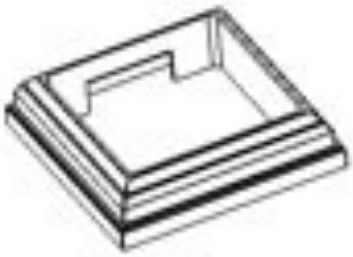
6) Slide the Decorative Column over the Filler Strips and down onto the Mounting Plate until they sit flush as shown.

7) Place the second supplied Mounting Plate on the top of the Aluminum Support Tube And fasten it using the supplied (4) #10 x 1.000" screws provided. See step 2 for the proper location of these screws.

Note: The sides of the two Mounting Plates must be parallel to each other as shown below. The Decorative Post has been removed for clarity.







8) Cut out a notch on the inner wall of the (2) Post Skirts as show. This will be required to clear for screw heads installed in a later step.

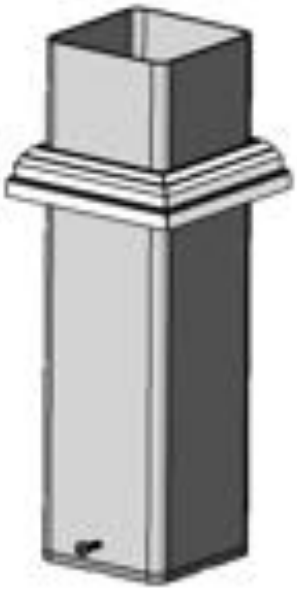
9) Slide (2) Post Skirts (Not provided) onto the Decorative Column and place the entire assembly into the opening in the desired location.

10) Rotate the Decorative Column 45 degrees to expose the mounting holes in the Mounting Plates.

11) Fasten the Mounting Plates to the floor and ceiling using the appropriate fasteners (Not provided) for your application. Insure that the post is plumb and square.

12) Rotate the Decorative Column back to its correct position and attach it to the mounting plates on both the top and bottom using the (2) #10 x 1.000" screws provided.

Note: These screws need to be placed on the sides of the post that has the notches on the Post Skirts.



13) Slide the Post Skirts into their positions on the top and bottom of the post and affix using PVC glue.

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VINYL & ALUMINUM
FENCE ● DECK ● RAIL ● DOCKS ●
COLUMNS ● ACCESSORIES

Effective: 4/01/2017
519-235-3838 | www.almarvinyl.ca
131 Thames Road West, Exeter, ON N0M 1S3
1-888-644-2844 | Fax: 519-235-2562
Email: sales@almarvinyl.ca

Newel Post Installation Instructions

The 4" Newel Post is shipped 48" long regardless of how it was ordered (39"or 44.5"). The reason for this is that the top and the bottom needs to be cut off and job site details (especially on stairs) may dictate having to cut the post a certain way.

Care must be taken to cut the post down so that the square 4 x 4 portion at the top and bottom of the post line up with the railing brackets. On standard 36" high railing (horizontal) cut 4 ½" off each end for a finished 39" post.

On a tall (42") railing (horizontal) cut 3 ½" off the top of post for a finished length of 44 ½".

For a post at the bottom of a stair section, determine the location of the top and bottom stair rail brackets before determining where to make the cuts.

Newel Post Installation Using Adjustamount

Since the narrowed decorative part of the Newel Post will not sleeve over the top collar and summit wrap, please do the following:

Mount the post mount and inner portion of adjustable collar. Screw inner portion of adjustable collar to adjustamount pipe using self-driller on the lower portion of collar that does not have the splines on it.
Temporarily mount outer portion of adjustable collar and plumb using level in both directions. Mark or take note of the orientation of outer part of the collar where it meets with the inner part, and then remove the outer part.

Install Newel Post over adjustamount and then re-install collar and wrap by pushing them down inside the top of the post. Recheck post for plumb. Wrap may have to be trimmed depending on where the Newel Post was cut.

Since it is impossible to lock the outer part of the collar to the inner part as is done on the standard installation to prevent the posts from being lifted up, an alternative method must be used. We recommend drilling a pilot hole about ¾" from the base of post exactly in the middle (2" from corner of post) and putting a screw through the post and into the aluminum base plate. This screw will hold the post from lifting up.

The base trim will cover the head of the screw.

HOMELAND® VINYL PRODUCTS, INC.

Complete and mail in now.

1. Complete this Warranty Registration Form
2. Tear off
3. Place in envelope with proof of purchase.

Mail to:
Homeland Vinyl Products, Inc.
P.O. Box 170729
Birmingham, AL 35217-0729
Attn: Warranty Department

WARRANTY LIMITATIONS

THIS WARRANTY REPLACES, SUPERSEDES, AND EXCLUDES ALL OTHER WARRANTIES, ORAL, WRITTEN OR IMPLIED, ARISING BY LAW, COURSE OF DEALING, USAGE OF TRADE, CUSTOM OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL HOMELAND VINYL BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING ANY DAMAGE TO STRUCTURES, THEIR CONTENTS, OR ANY PERSON THEREIN, RESULTING FROM A BREACH OF THIS WARRANTY OR THE PURCHASE, INSTALLATION, OWNERSHIP, OR USE OF HOMELAND VINYL PRODUCTS.

HOMELAND VINYL DOES NOT AUTHORIZE ITS FIELD REPRESENTATIVES, DISTRIBUTORS, OR DEALERS TO MAKE ANY CHANGE OR MODIFICATION TO THIS WARRANTY.

PURCHASER'S EXCLUSIVE REMEDY AND HOMELAND VINYL'S EXCLUSIVE LIABILITY FOR ANY BREACH OF WARRANTY IS LIMITED TO WHAT APPEARS IN THIS DOCUMENT.

SOME STATES DO NOT ALLOW LIMITATIONS ON, OR THE EXCLUSION OF, IMPLIED WARRANTIES, OR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

HOMELAND® VINYL PRODUCTS, INC.

Homeland Vinyl Products, Inc.
Toll Free: 800-999-6813
http://homelandvinyl.com/resources/documents/

C1141-RevA 17-355 - POP

HOMELAND® VINYL PRODUCTS, INC. **FENCE & RAIL**

LIMITED WARRANTY

HOMELAND VINYL PRODUCTS, INC
FENCE AND RAIL LIMITED WARRANTY

WHO AND WHAT ARE COVERED BY THIS WARRANTY
This warranty is given to (1) the original purchaser, or (2) the owner(s) of the property at the time of installation, if different from the original purchaser (collectively, the "Purchaser") of vinyl fence and rail profiles manufactured by Homeland Vinyl Products, Inc. ("Homeland Vinyl"). For purposes of this warranty, a "Residential Purchaser" shall refer to a single-family residential homeowner and a "Commercial Purchaser" shall refer to any Purchaser other than a Residential Purchaser. Subject to the exclusions and limitations set forth herein, Homeland Vinyl warrants to the Purchaser that its vinyl fence and rail profiles (the "Products") will be free from manufacturing defects – including peeling, flaking, blistering, rotting and corroding – when subject to normal and proper use.

WARRANTY PERIOD
The warranty period is for the life of a residential purchaser (30 years for a Commercial Purchaser). The warranty automatically terminates upon the sale of the property or death of the Purchaser.

WARRANTY REMEDIES
Should any covered defect occur during the warranty period, Homeland Vinyl will, at its option, repair or provide replacement Products for the defective Products. In lieu of repair or providing replacement Products, Homeland Vinyl also reserves the right to refund the amount paid by the Purchaser for the original Products and such refund shall fully discharge all obligations and liabilities of Homeland Vinyl under this warranty. ***In no event shall Homeland Vinyl be liable or responsible for labor charges or other expenses arising from or related to the installation or removal of either the original or replacement Products.***

WARRANTY EXCLUSIONS
This warranty covers only manufacturing defects in material or workmanship of Homeland Vinyl and, without limitation, does not include any failure, defects, expenses, or damages attributable to:

Failure to provide reasonable and necessary maintenance;

Improper installation (including inadequate reinforcement of finished products);

Bowing of pickets (for Homewood® products, Homeland Vinyl requires installing a midrail and

Continued Inside

attaching U-channel trim the fence posts in order to reduce the natural tendency for fence panels to bow due to heat build-up);

Distortion due to exposure to heat sources, including but not limited to building or pavement heat build-up, outdoor grills, and reflected sunlight from windows, doors or other surfaces;

Color change due to normal weathering. Normal weathering is defined as exposure to sunlight and extremes of weather and atmosphere that will cause any colored surface to gradually fade, chalk, or accumulate dirt or stains. When sunlight is partially blocked by a roof, trees, awnings or the like, uneven weathering may occur. Homeland Vinyl shall have sole discretion to determine, based on reasonable criteria, whether the Products are undergoing normal weathering;

Color or pattern variation on any variegated Products;

Color or pattern variation between any replacement Products and remaining original Products. Homeland Vinyl reserves the right to discontinue or modify any product line or color without notifying the Purchaser. If the original Product is not available, Homeland Vinyl may choose to provide replacement Products of equal value or quality;

Discoloration or other damage caused by air pollution, mildew, exposure to chemicals (including, but not limited to sunscreens, insect repellants, acids or bases, rust, lime, fertilizers, herbicides, or solvents);

Misuse, abuse, neglect or improper shipping, handling or storage;

Damage caused by horses or other large animals;

Use of accessories or other components which are incompatible with the Products;

Movement, distortion, settling or collapse of the ground or structure on which the Products are installed;

Impact of foreign objects, fire, earthquake, flood, lightning, tornado, hail or other casualty or act of God;

Damage caused by other circumstances and causes beyond Homeland Vinyl's control;

Any other cause not involving manufacturing defects in the Products.

This warranty does not apply to any Product which has been painted, varnished, or on which any other substance not approved by Homeland Vinyl has been applied over the original finish.

See important limitations on back.

REGISTRATION AND TRANSFER OF WARRANTY

To obtain coverage under this warranty, the warranty must be registered within thirty (30) days after completion of the installation of the Products. The attached registration card must be completed and returned along with proof of purchase to: Homeland Vinyl Products, Inc., P.O. Box 170729, Birmingham, AL 35217-0729, Attn: Warranty Registration.

This warranty is not transferable, with the following exception: The warranty may be transferred only by the original Purchaser and only one (1) time to a subsequent buyer of the property on which the Products were originally installed. Within thirty (30) days from the date of the transfer of the property, the original Purchaser shall deliver to Homeland Vinyl a written Application for Transfer of Warranty, along with proof of the original purchase of Homeland Vinyl products. During the first ten (10) years after the date of original installation of the Products, a duly transferred warranty shall remain in full force and effect as to all covered Products. After such ten year period, Homeland Vinyl's responsibility under such duly transferred warranty shall decrease by five percent (5%) per year. At no time, however, shall Homeland Vinyl's responsibility under this warranty be less than ten percent (10%) of the original Purchaser's price for the Products. Time is of the essence, and failure to comply with the foregoing requirements will terminate this warranty and relieve Homeland Vinyl of any further obligation under this warranty.

WHAT THE PURCHASER MUST DO

A claim under this warranty must be reported in writing, with proof of purchase, to Homeland Vinyl Products, Inc., P.O. Box 170729, Birmingham, AL 35217-0729, Attn: Warranty Department within thirty (30) days of the date that the defect is first discovered or reasonably could have been discovered. Purchaser must include proof of purchase and a statement describing the claimed defect. Homeland Vinyl may request additional information. Homeland Vinyl will then have a reasonable time to inspect or, at Homeland Vinyl's option, to have the product or a sample of the product shipped at the Purchaser's expense to Homeland Vinyl for inspection and analysis of the claimed defect. Homeland Vinyl shall be the sole judge of whether the product is defective and whether the defect is due to manufacturing.

If Homeland Vinyl determines that the claim is within the terms of this Limited Warranty, then Homeland Vinyl will, at its option, provide replacement Products or provide a purchase price refund for the Product under the terms and limitations described herein. In the event of repair or replacement, the original warranty shall apply to the repaired or replaced portion of the Products, and will extend for the balance of the warranty period in effect at the time the material proved defective.

This warranty is effective for purchases of Products on or after February 1, 2018.

LIMITED WARRANTY REGISTRATION AND VALIDATION SYSTEM

Date of Installation: _____

All information must be complete in order to place the warranty on your purchase into effect. Complete only one registration per installation and product and MAIL WITHIN THIRTY (30) DAYS, along with a copy of your proof of purchase.

Purchaser Name: _____ Telephone: _____

Address of Installation: _____

_____

Product Supplier name: _____

Description of Products: _____ TYPE, SIZE, COLOR, QUANTITY, ETC.

_____

_____

I have read and accept the terms and conditions of the Homeland Vinyl Products Limited Warranty.

Date: _____ Signature of Purchaser: _____