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

GORILLA® COLUMN/POST INSTALLATION GUIDELINES

FEATURES:

• Matrix™ Baseplate can accommodate a variety of internal supports, including 3.5" and 2.375" diameter metal tubes, and 4"x 4" (nominal) wood posts.

• Gorilla Columns/Posts are available in a variety of dimensions, including 8.4" Round, 6.625" Round, 8" Square, 6.5" Square and 5" Square PVC columns.

• Transition assemblies allow for a variety of additional looks including:

8" Square to 6.5" Square

8" Square to 6.625" Round

8" Square to 5" Square

6.5" Square to 5" Square

• Standard 9' and 10' lengths

REQUIRED TOOLS AND MATERIALS:

• Safety Glasses

• Power drill/driver with 5/16" hex drive and #2 phillips head drive

• ¾" spade bit and 3" drive extension (required for Side-Mount bushing installation)

• #3 Phillips-head screwdriver

• Measuring Tape

• Non-marking Rubber Mallet

• Waymark PVC Cement

• Surface mounting fasteners are NOT included. Required fasteners will depend on the porch/roof material and structure for the project

• Reciprocating Saw with fine-tooth (hack-saw) blade if column is to be cut to length.

The Gorilla Column/Post system is intended for use as a porch post, with at least one side of the porch deck and roof attached to an adjoining building or structure to provide lateral support. Gorilla Columns/Posts are NOT intended to be used for free-standing structures, i.e. pergolas, gazebos, etc. It is the installer's responsibility to consult the local building codes prior to installation of Gorilla Columns/Posts.

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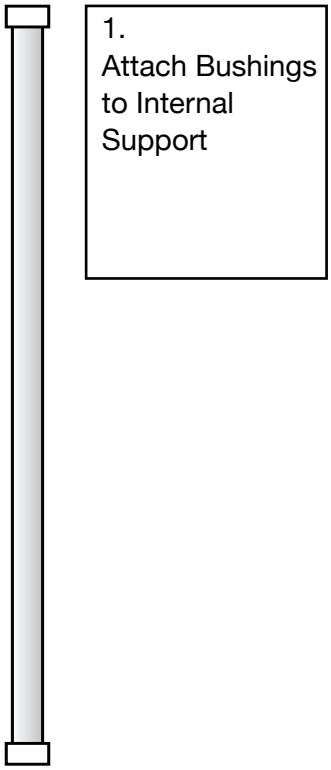
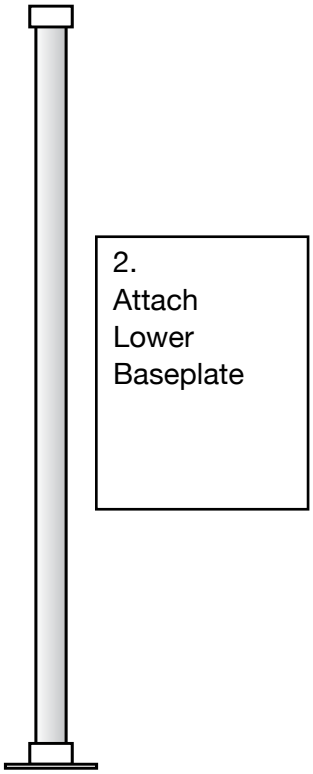
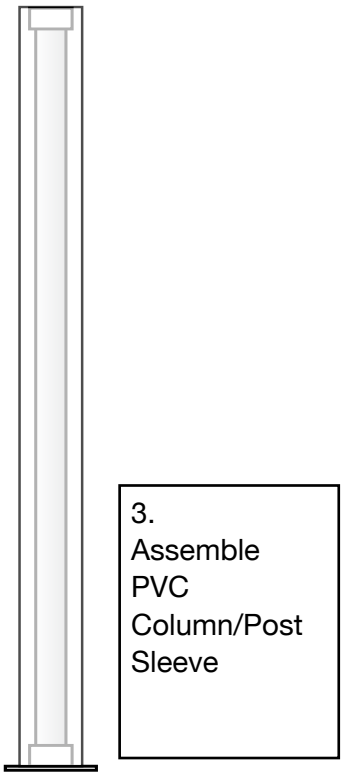


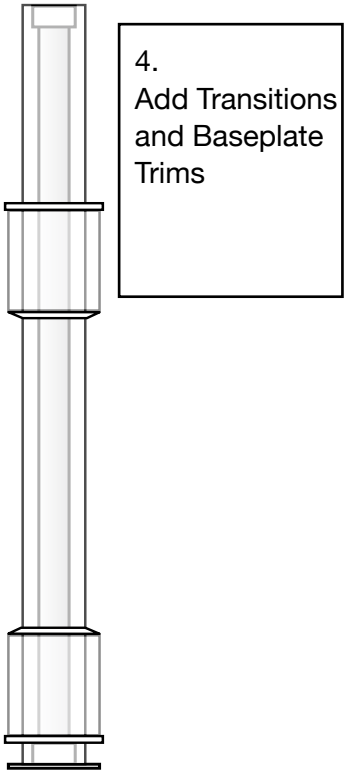
1.
Attach Bushings to Internal Support



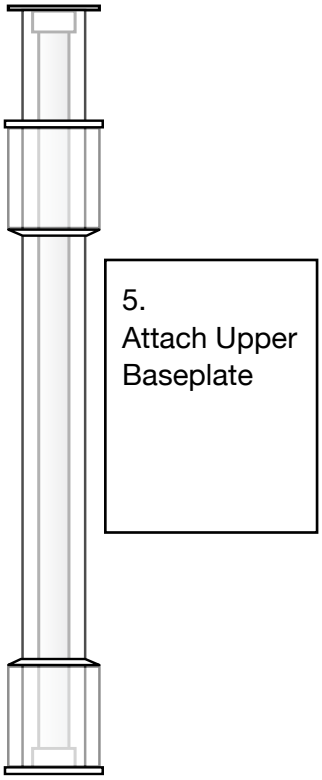
2.
Attach Lower Baseplate



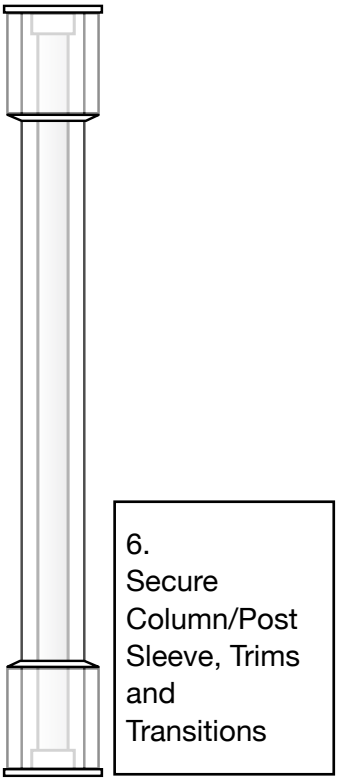
3.
Assemble PVC Column/Post Sleeve



4.
Add Transitions and Baseplate Trims



5.
Attach Upper Baseplate



6.
Secure Column/Post Sleeve, Trims and Transitions

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1. COMPONENT DESCRIPTION

1-½" #12 hex-head self-drilling screws

¾" #14 phillips-head sheet metal screws

1" #10 hex-head self-drilling screws

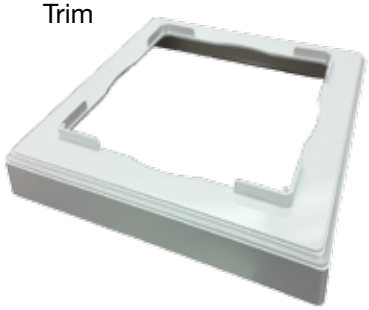
Each Gorilla Column/Post requires the following:

A. Matrix™ Universal Baseplate Kit. Each kit includes:
- (2) Matrix universal baseplates
- (2) Structural support bushings
- (2) Universal Base Trim
- (1) Hardware pack:
  - (8) 1-½" #12 hex-head self-drilling screws
  - (8) ¾" #14 phillips-head sheet metal screws
  - (8) 1" #10 hex-head self-drilling screws

Matrix Baseplate

Bushing

Universal Base Trim



B. Internal support member
2.375" or 3.500" diameter, 13 ga. Galvanized steel tube

C. PVC column/post sleeve
Column (round) sleeves are available in 8.4" or 6.625" diameters
Post (square) sleeves are available in 8" x 8", 6.5" x 6.5" or 5" x 5" dimensions

D. Column/Post trim rings (2)

Base trim rings are selected according to the chosen column/post sleeve, or transition sleeve, if a transition assembly is used.

E. Transition assembly components

Transition assemblies can be made by using sections of PVC column/post sleeves and transition trim rings. The transition sleeve is cut to length and installed at either or both ends of the column/post assembly. For example, the column/post can transition from an 8" x 8" square at the base to a 6.625" diameter round. Transition trim rings are available in the following combinations:

- 8" square to 6.5" square
- 8" square to 6.625" round
- 8" square to 5" square
- 6.5" square to 5" square

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2. PREPARATION

A. General

• Review local building codes.

• Measure the opening where the Gorilla Column is to be installed. Standard Gorilla Column lengths are 9' and 10'; if using an alternate length, deduct 3/8" from the PVC column/post sleeve length and 5/8" from the internal support length to account for the thickness of the baseplates and support bushings.

• The baseplate cover and column trim ring can be assembled using PVC cement prior to assembly and set aside until ready for installation.

• If the assembly is to include Transitions, the PVC transition sleeve can be cut to length and the transition trim can be assembled beforehand and set aside until ready for installation.

B. Porch Structure/Blocking

Determine the location of the columns and ensure that adequate support is available for securely attaching the column baseplates to the porch roof and deck structure. See Figure 2.1 for suggested blocking in a wood structure. If columns are to be set on a concrete surface, determine the concrete anchor locations.

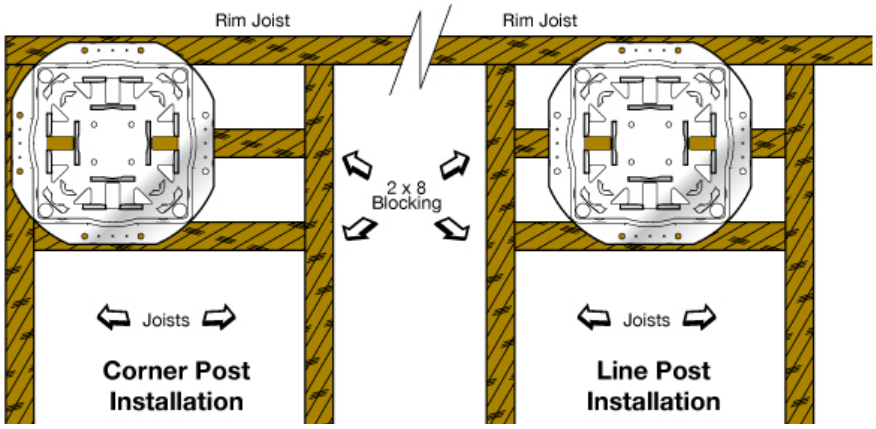

Figure 2.1

C. Support Bushing Assembly

Fit the support bushings to the ends of the internal support. Fit should be snug. Laying the support assembly on a flat surface will assure that the two bushings are lined up square on both ends. See Figures 2.2a and 2.2b.

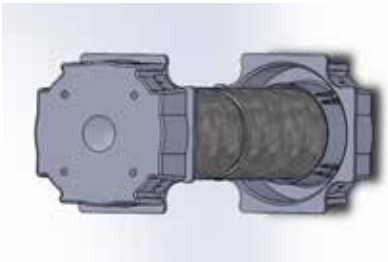

Figure 2.2a - Correct

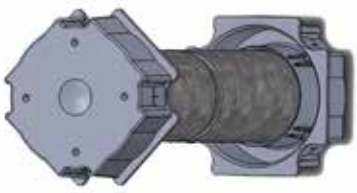

Figure 2.2b - Incorrect

Attach bushing to internal support using four 1-½" hex-head self-drilling screws placed in the corners of the bushing. See Figure 2.3.
Repeat for other end of internal support.

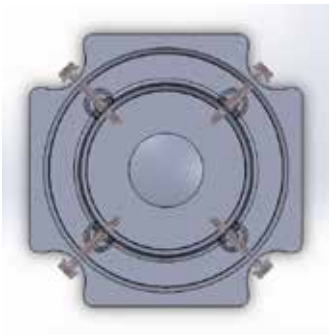

Figure 2.3

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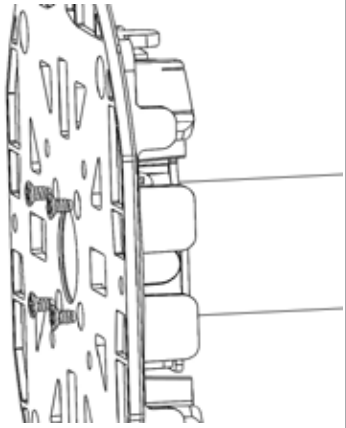
3. COLUMN/POST ASSEMBLY

A. Connect Baseplate to Internal Support

Place a Matrix™ universal baseplate onto one end of the bushing/support assembly. Use four (4) ¾" #14 phillips-head screws through the bottom of the baseplate into the bushing. It is recommended that the ¾" screws be inserted manually, rather than with a drill or power driver, in order to avoid stripping material from the inside of the bushing. See Figure 3.1.

Figure 3.1

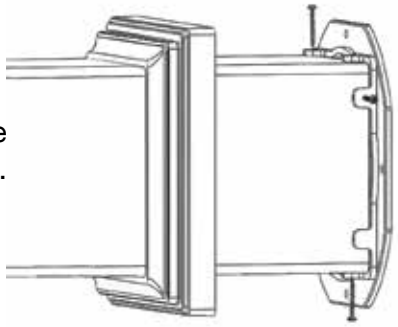


NOTE: Do NOT attach the second baseplate to the opposite end of the Internal Support until the column assembly is completed. Further assembly requires that one end of the column be open to allow installation of the PVC Column/Post sleeve, Transition assemblies, and Trim pieces.

B. Install Column/Post Sleeve

Slide the PVC Column/Post sleeve over the Internal Support and fit into the corresponding tabs on the attached Matrix™ universal baseplate. Secure the column sleeve to the baseplate using four (4) 1" self-tapping #10 screws through the baseplate tabs (one screw for each side of the baseplate). See Figure 3.2.

Figure 3.2



C. Place Transitions and Trims on Column Assembly

All Transition and Trim pieces should be placed on the column sleeve in their proper orientation before installation of the second baseplate. Generally, Transitions and Trims are installed in the following order:

1) Baseplate cover and trim ring for lower baseplate
2) Transition Assembly for lower baseplate, if applicable
3) Transition Assembly for upper baseplate, if applicable
4) Baseplate cover and trim ring for upper baseplate

D. Attach Top Baseplate and Secure PVC Column/Post Sleeve

Align upper baseplate with internal support bushing and PVC column sleeve. Attach using four (4) ¾" #14 phillips-head screws through baseplate. Secure the PVC Column/Post sleeve to the corresponding tabs located on the upper baseplate using four (4) 1" #10 phillips-head self-drilling screws.

4. COLUMN/POST PLACEMENT & FINISHING

A. Secure Gorilla Column/Post Assembly in Place.

Ensure blocking or acceptable support is in place to provide adequate attachment of the Column/Post Assembly. Fasten baseplates to porch deck and roof structure using appropriate fasteners (not included in hardware pack).

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B. Attach Transition Assemblies and Baseplate Covers

If Transitions are used, secure the Transition assembly to the corresponding tabs located on the upper and lower baseplates using four (4) 1" #10 phillips-head self-drilling screws (not included in hardware pack). Attach the baseplate cover/trim assemblies by snap-fit to the edges of the baseplate. PVC cement may also be used.

Alternative Baseplate Connection (Side-Mount)

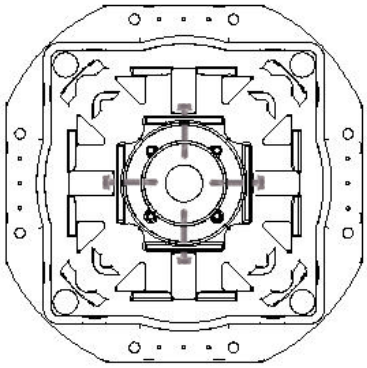
You can increase the Gorilla Column's uplift resistance by connecting the Internal Support Bushing to the Matrix Baseplate through the innermost set of the Baseplate mounting tabs. This "Side-Mount" connection requires an alternative installation method, described below:

With the Side-Mount method, the Internal Support, Bushing and Baseplate are connected through the Baseplate mounting tabs using the four (4) 1 1/2" #12 hex-head self-drilling screws, as shown in Figure A-1, below:

1. Confirm that the Bushings are square to the Internal Support and aligned (as described in the main Installation Guidelines at section 2.C.). Do NOT attach the bushing to the support with screws at this time.

2. Set the Bushing in the Baseplate mounting tabs. Connect the baseplate, bushing and internal support with four (4) #12 hex-head screws, one through each tab. The screws should be set no higher than the upper ends of the two parallel lines molded on the Baseplate mounting tabs.

Figure A-1



3. To simplify the final column assembly, it is recommended that the second Baseplate be attached (so that the connection holes are made in the Internal Support), and then removed until final assembly. It is also a good idea to mark the Baseplate and the Bushing, so they can be reinstalled in the same orientation.

4. For final assembly, make a ¾" diameter access hole at the edge of the PVC Column Sleeve in order to allow access to the (pre-drilled) baseplate connection points. The access hole must be placed so that it will be hidden by the Baseplate or Transition trim pieces at final assembly. NOTE: A round sleeve only requires one access hole, which can be rotated to face each connection point. A square sleeve requires an access hole at each of the four connection points.

5. After the column sleeve, base trims, and transitions have been assembled, replace the upper Baseplate on the open end of the Column Assembly. Use a 3" extension and hex-head drive through the access holes to reset the hex-head screws into the Baseplate and Internal Support.

6. Proceed with the installation by securing the column to the porch structure and the PVC Sleeve and Transitions to the Baseplate mounting tabs.

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HOMELAND®
VINYL PRODUCTS, INC.

HOMELAND VINYL PRODUCTS, INC.

Non-Prorated Limited Warranty

Who and What are Covered by this Warranty

Homeland warrants to the original purchaser/homeowner that its vinyl fence, deck and railing products will be free from manufacturing defects - including peeling, flaking, blistering, rotting and corroding - when subject to normal and proper use.

This warranty is for the lifetime of the original purchaser (and as long as the original purchaser is still living and retains ownership of the property), for all vinyl fences, deck and railing products. Should any defect occur during the warranty period, Homeland will repair or replace, at its option, the defective fence, deck or railing products. In lieu of repair or replacement, Homeland also reserves the right to refund the amount paid by the original owner for the Homeland fence; deck or railing product and such refund shall full discharge all obligations and liabilities of Homeland under this warranty.

In no event shall Homeland be liable or responsible for labor charges or other expenses arising from or pertaining to the removal or installation of either the original or replacement product.

Should Homeland repair or replace a defective product under the terms of this warranty, the original warrant shall apply to the repaired or replaced fence, deck or railing product, and will extend for the balance of the warranty period in effect at the time the material proved defective.

This warranty automatically terminates upon the sale of the property or death of the last of the individuals that owned the property at the time of installation.

The lifetime coverage offered by this warranty for Homeland products is applicable only to single family residences. In the case of fence, deck or railing product material that is installed upon any other type of building or premises, the warranty period will be 30 years following the installation of the fence, deck or railing.

Warranty Limitations

This warranty does not apply to or provide protection against any failure, defect or damage resulting from events or conditions that are beyond normal exposure or customary usage, including, but not limited to: • misuses, abuse, neglect or improper handling or storage; • improper installation; • Use of accessories or other products which do not properly receiver and/or secure Homeland's fence, deck and railing products; • impact of foreign objects, fire, earthquake, flood, lightning, hail, hurricane, tornado or other casualty or act of God; • movements, distortion, collapse or settling of the ground or structure on which the fence, deck or railing product is installed; • damage by horses or other large animals that may impact a fence in which they are enclosed; • discoloration or other damage caused by air pollution (including but not limited to metal oxides or metallic particles), mildew, exposure to harmful chemicals or normal weathering from the elements; or • any other cause not involving manufacturing defects in the material supplied by Homeland; and

Normal weathering is defined as exposure to sunlight and extremes of weather and atmosphere, which will cause any colored surface to gradually fade, chalk, or accumulate dirt or stains. The severity of any condition depends on the geographical location of the fence, deck or railing products, the cleanliness of the air in the area, and many other influences over which Homeland has no control. Homeland shall have sole discretion to determine, based on reasonable criteria, whether the fence, deck or railing products is suffering from normal weathering.

This warranty does not apply to any fence, deck or railing product which has been painted, varnished or on which any other substance has bene applied over the manufacturer's original finish.

The homeowner/purchaser acknowledges and agrees that Homeland may, without notice to the homeowner/purchaser, discontinue or modify any of its products, including, without limitation, the style, size or color. Homeland shall not be liable in the event replacement material varies from the original product. If Homeland replaces any material under this warranty, it may substitute products designated by Homeland to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

Transferability of the Warranty

This warranty is not transferable, with the exception of the following circumstances: This warranty may be transferred only by the original homeowner/purchaser and only on one occasion, upon compliance with the following requirements. Within thirty (30) days from the date of the transfer of the real property, the original homeowner/purchaser shall deliver to Homeland (i) a written request for transfer of the warranty, (ii) proof of the original purchase of the Homeland products, and (iii) a $100 transfer fee payable to Homeland. Failure to comply timely with each of the foregoing requirements will terminate this warranty and relieve Homeland of any further obligation or liability under this warranty. Time is of the essence. 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 products covered thereby. After such ten (10) year period, Homeland's responsibility and liability under a duly transferred warranty shall decrease by five percent (5%) per year. At no time, however, shall Homeland's responsibility under this warranty for fence, deck and railing products be less than 10 percent (10%) of the original homeowner/purchaser's original purchase price for the material.

Other Conditions

THIS WARRANTY REPLACES, SUPERSEDES AND EXCLUDES ALL OTHER WARRANTIES, ORAL WRITTEN OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL HOMELAND BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING ANY DAMAGE TO THE BUILDING, ITS CONTENTS OR ANY PERSON THEREIN RESULTING FROM THE BREACH OF THIS WARRANTY. HOMELAND DOES NOT AUTHORIZE ITS FIELD REPRESENTATIVE, DISTRIBUTORS OR DEALERS TO MAKE ANY CHANGE OR MODIFICATION TO THIS WARRANTY. SOME STATES DO NO ALLOW LIMITATIONS ON, OR THE EXCLUSION OF, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SO THE ABOVE EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights that may vary from state to state.

What the Customer Must Do

The homeowner/purchaser must properly notify Homeland in writing of any manufacturing defect and provide proof of the date of purchase and installation, as well as proof of property ownership. All notifications should be sent to Homeland Vinyl Products, Inc., P.O. Box 170729, Birmingham, Alabama 35217-0729, Attention: Warranty Claim Department. The consumer may be required to submit a sample of the defective material to Homeland for analysis. Homeland will then investigate the claim and may examine the material claimed to be defective. If a defect covered by the warranty is confirmed, Homeland, within a reasonable amount of time after the inspection, will repair or provide replacement material for the fence, deck or railing product, or refund the amount paid by the original owner for the fence, deck or railing product and accessories, per the terms of this warranty.

This warranty is effective for products purchased after January 1, 2001.

CERTIFICATE NO.

CERTIFICATE NO.

APPLICATION FOR TRANSFER OF PVC FENCE AND DECK PRODUCTS

This is to certify that on _____, 20_____,

I, _____
(Original Home Owner)

at _____
(Address of Installation)

have sold to _____
(New Home Owner)

_____
(Signature of Original Purchaser)

I have read and accept the terms and conditions of the Homeland PVC Fence and Deck Products Warranty.

Date _____ Signature of New Home Owner _____

CERTIFICATE NO. Date of Installation:_____

WARRANTY REGISTRATION AND VALIDATION SYSTEM

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 TEN DAYS.

Home Owner: _____ Home Owner Telephone: (_____) _____
Address and Location: Street: _____ City: _____ State: _____ Zip: _____
HOME OWNER'S SIGNATURE _____ **DATE** _____
Dealer Name: _____
Street: _____ City: _____ State: _____ Zip: _____
DEALER SIGNATURE _____ **DATE** _____

LIST THE FOLLOWING INFORMATION OF EACH PROFILE

SIZE	LENGTH	COLOR

NAME _____

ADDRESS _____

_____

PLACE STAMP HERE

HOMELAND VINYL PRODUCTS, INC.
P.O. BOX 170729
BIRMINGHAM, AL 35217-0729

ATTENTION: WARRANTY DEPARTMENT

NAME _____

ADDRESS _____

_____

PLACE STAMP HERE

HOMELAND VINYL PRODUCTS, INC.
P.O. BOX 170729
BIRMINGHAM, AL 35217-0729

ATTENTION: WARRANTY DEPARTMENT