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

Sept. 18, 2014

GORILLA DECK® G3 INSTALLATION GUIDELINES

Gorilla Deck G3 is a wood-grain embossed PVC deck board system with a water-shedding design. The patented (U.S. Patent No. 6,324,796) interlocking deck boards are designed to channel water between the boards and discharge it at the edge of the deck. The Gorilla Deck G3 system may also be installed as a conventional deck where the system's water-shedding features are not a requirement. Gorilla Deck G3 is NOT intended for roofing applications. The Gorilla Deck system is manufactured under a stringent quality control program, and when properly installed will give you years of enjoyment with low maintenance.

WATER-SHEDDING FEATURES:

Preparation of the deck substructure and proper installation of the deck boards are critical to achieving the G3 system's water-shedding capacity. For proper performance of the G3's water-shedding features:

• The deck boards are to be installed with a **slight pitch** (at least 1/8" per 8' of board length) to direct the water away from the adjoining structure.

• **Continuous lengths** of deck board must be installed. End-splicing of boards will provide a gap for water to penetrate the system and leak through. The deck boards are produced in lengths of up to 24 feet. Care must also be taken when cutting openings in the deck board surface for guardrail post installation. Any area cut into the deck board could leak unless properly sealed.

• The deck system must be **properly flashed** to prevent water from entering the space between the ledger board and the adjoining structure.

• Rain water will drain to the edges of the deck boards. At this time, the G3 system does not include a gutter system to collect the channeled water. Depending on the installation, readily available standard gutter and downspout combinations may be an option for collecting the channeled water.

REQUIRED TOOLS AND MATERIALS:

- Safety glasses
- Power drill with screwdriver bit
- Measuring tape
- Level (preferably 48" or longer)
- Power saw
- Flashing
- Silicone caulk and caulking gun
- Rubber mallet (with non-marking face)
- Saber saw/jig saw for cutting openings for guardrail posts

⋆ Stainless steel, self-tapping pan-head screws (1 ½" #8 and ¾" #6) ⋆

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2015-300

SUBSTRUCTURE PREPARATION:

Prior to installation, consult your **local building department** to address applicable building codes, including codes pertaining to the deck substructure, attachment to the adjoining building, and installation of guard railing and stairs.

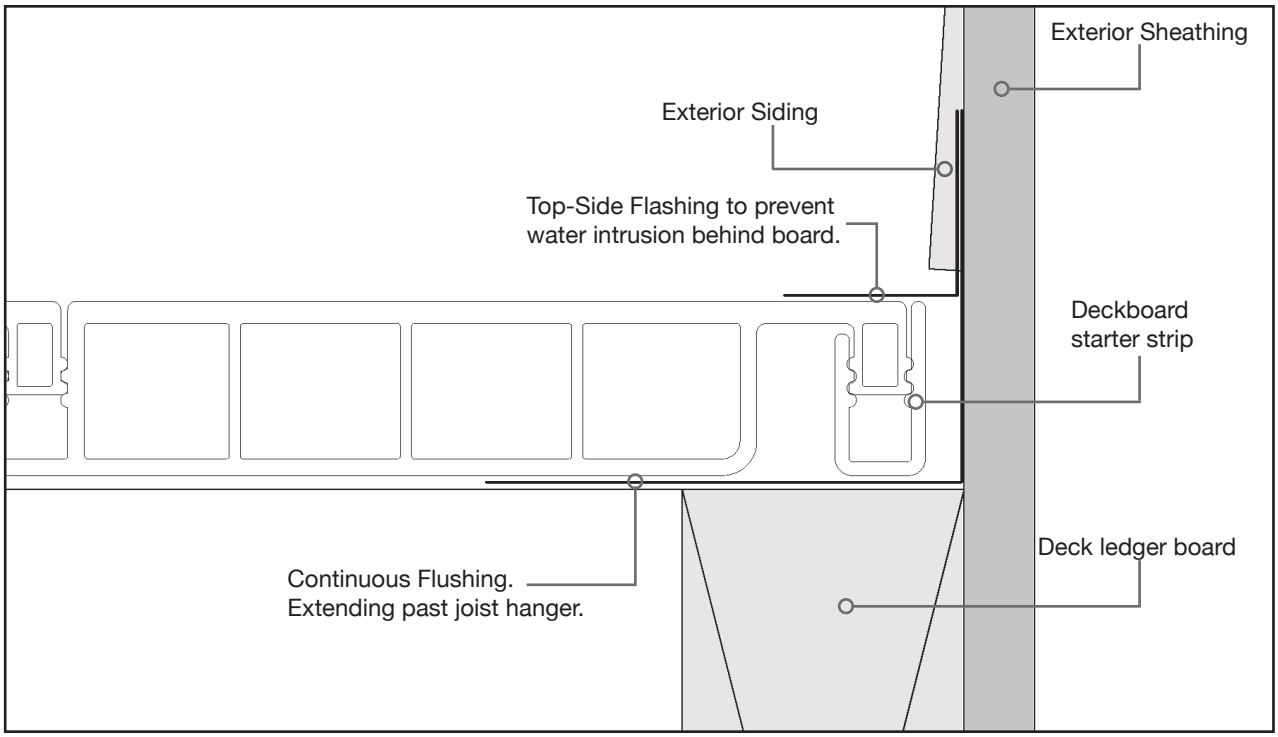
The deck substructure, usually wood framing, is an important part of proper installation. Homeland Vinyl recommends 16" joist spacing, however 24" spacing can be used where boards are placed perpendicular to joists.

The substructure must be level, in that it must not have irregular high or low spots across the joists. In order to shed water, the substructure will require a minimum pitch of 1/8" per 8' of board length. The pitch must be oriented to create positive drainage away from the adjoining building in the lengthwise direction of the deck board. Any high or low spots can cause the deck boards to separate, causing a potential area for leaks.

The deck ledger board must be properly flashed in order to prevent water from affecting the adjoining building, and to make the best use of the G3 system's water-shedding features. In addition to the typical flashing installed over the ledger board, supplemental flashing should be installed behind the house siding and over the top of the adjoining deck boards. Caulk should be applied to the angle flashing to create a seal to the top of the deck boards and to prevent water from entering the gap between the deck boards and the adjoining building. ***(See figure 1)***

NOTE: a full description of deck flashing installation is beyond the scope of these guidelines. Each installation is unique, and the installer is responsible for complying with applicable codes and good building practices.

(Figure 1 - Flashing detail)



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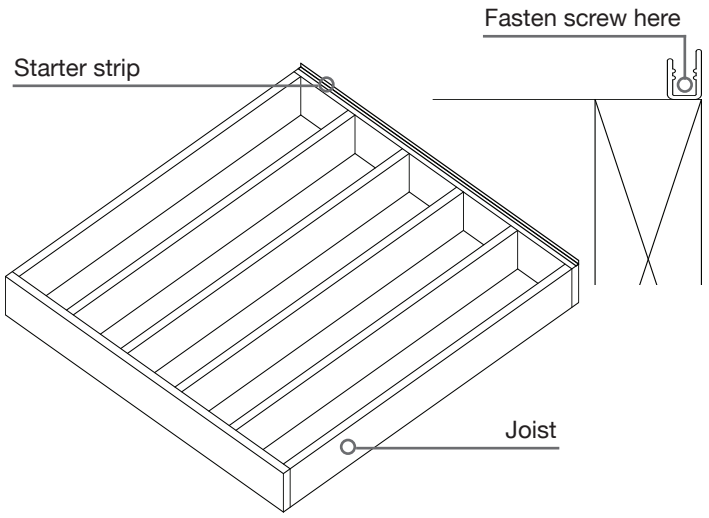
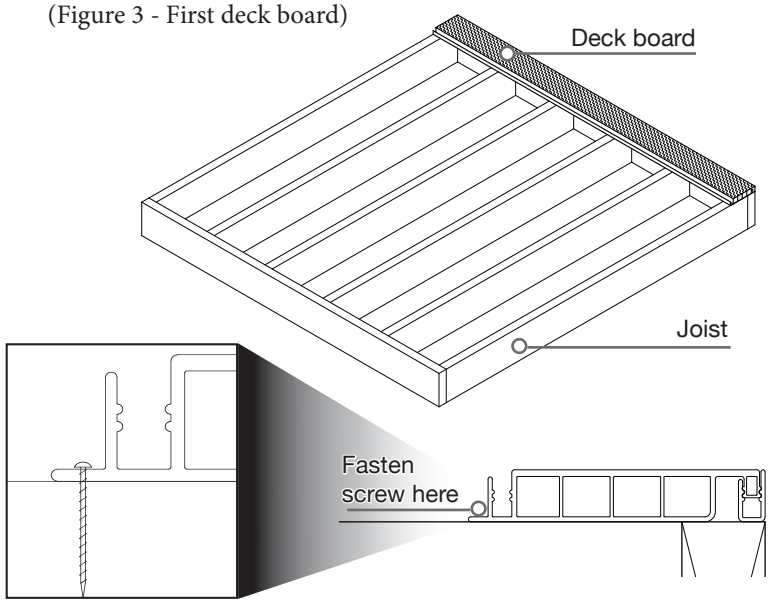
INSTALLATION:

(Figure 2 - Starter strip)



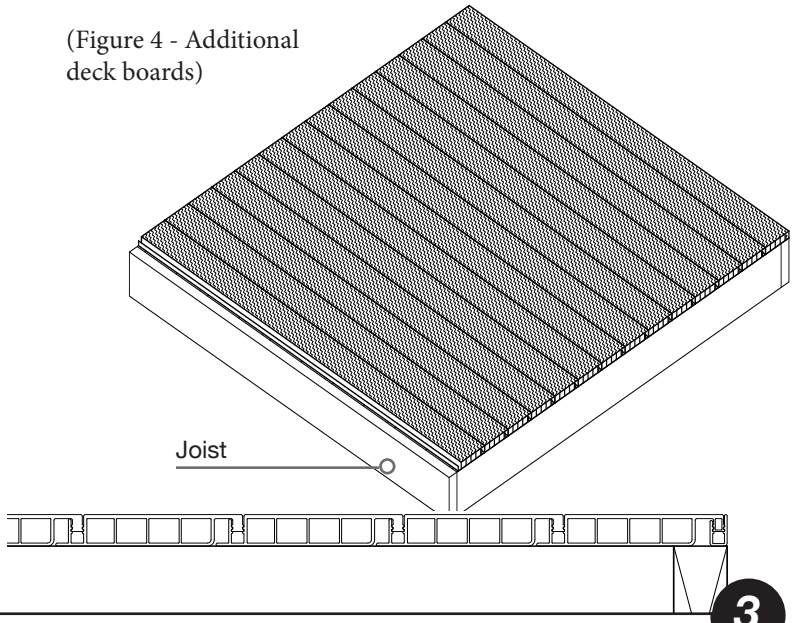
Install the **starter strip** using a 1-½", #8 self-cutting stainless steel pan-head screw at each joist. The long edge of the starter strip should face the outside edge of the deck substructure. The screws are inserted in the hollow chamber of the starter strip. Apply caulk to the screw heads to seal against water infiltration. ***(See figure 2)***

(Figure 3 - First deck board)



Place the first deckboard into the starter strip. The deckboard must be locked in place by walking it down or tapping with a (non-marking) rubber mallet. Secure the deck board using 1-½", #8 self-cutting stainless steel pan-head screws at each joist. Ensure that the screws are inserted into the flange at the edge of the deckboard, NOT the hollow interlocking channel. Screws placed within the channel can cause water leaks. ***(See figure 3)***

(Figure 4 - Additional deck boards)



Continue the same method with the following deck boards, interlocking the boards and attaching them with screws until the deck surface is complete.
(See figure 4)

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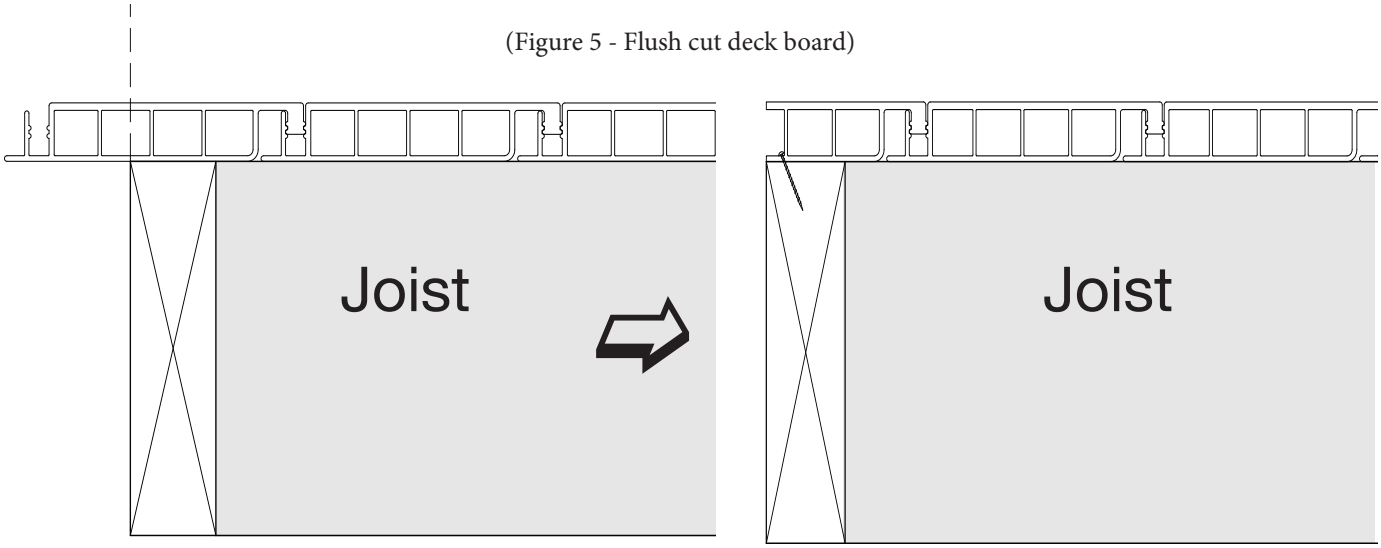
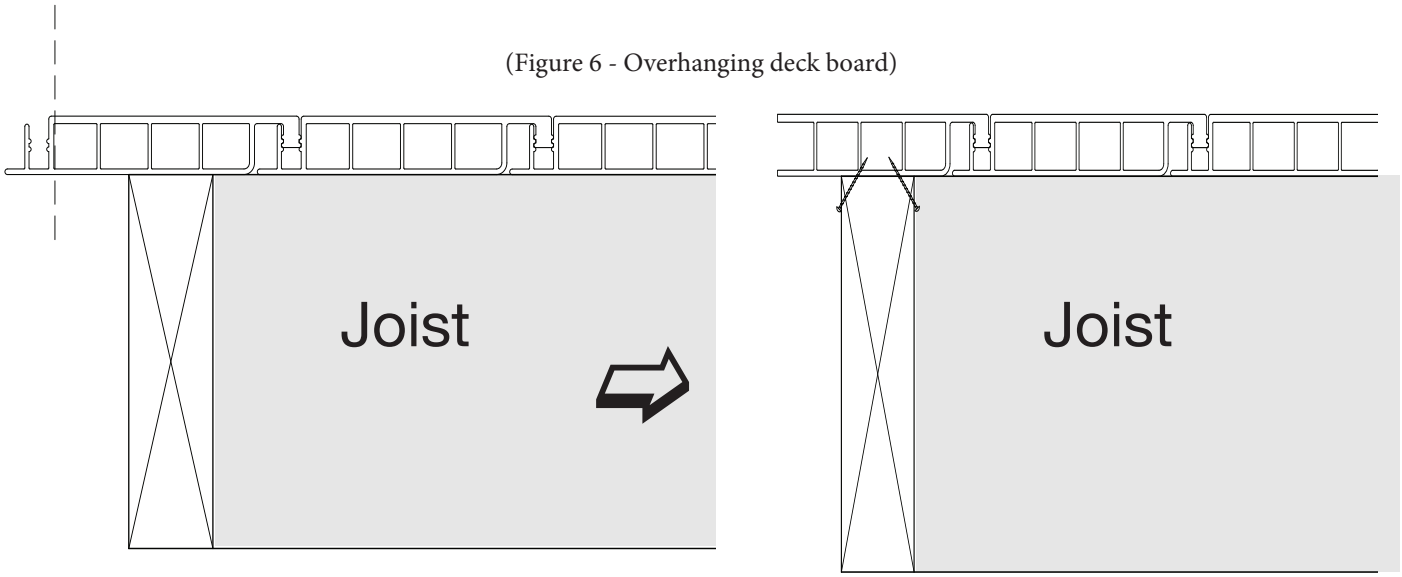
INSTALLATION (CONTINUED):

The final deck board may require ripping to the appropriate width according to the dimensions of the deck substructure. The interlocking chamber and nailing flange should be trimmed from the final deck board to allow proper fitting of the trim channel.

(Figure 5 - Flush cut deck board)



(Figure 6 - Overhanging deck board)



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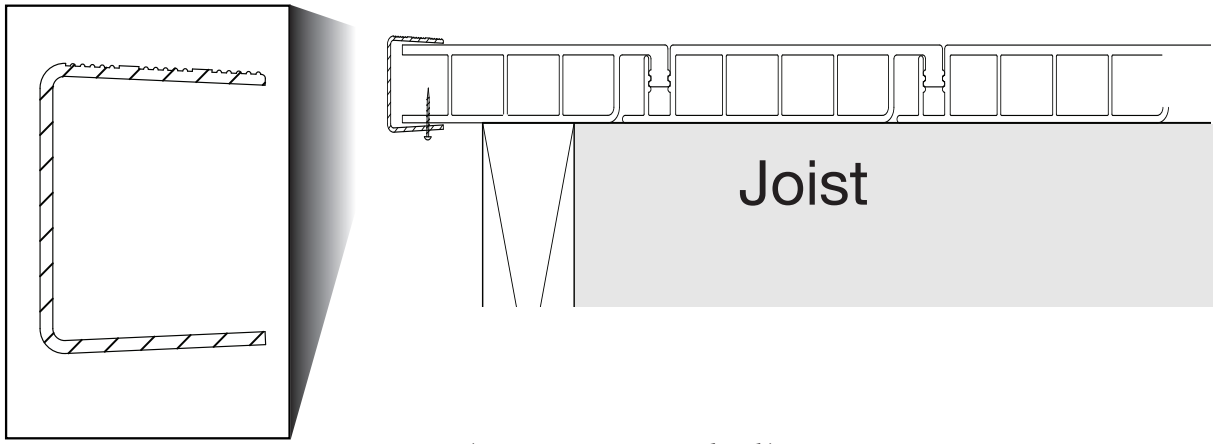
DECK TRIM INSTALLATION:

The Gorilla Deck G3 system has two styles of edge trim channels: the C-shaped “Finish Trim” and the **L**-shaped “Fascia Trim”, as well as an **I**-shaped “Splice Trim”. The Finish Trim piece is used along the edges of the deck boards where the boards overhang the edge of the substructure rim joists by approximately 1 ½” ***(See figure 7)***. The Fascia Trim is used where the deck boards are cut flush with the substructure rim joists. ***(See figure 8).*** The Splice trim is used where deck boards meet. ***(See figure 9 -*** *on next page****).*** The trim channels are thinner than the deck boards, and must be allowed to move slightly to account for thermal contraction and expansion. If such allowance is not made, the trim pieces may wrinkle or warp due to thermal expansion.

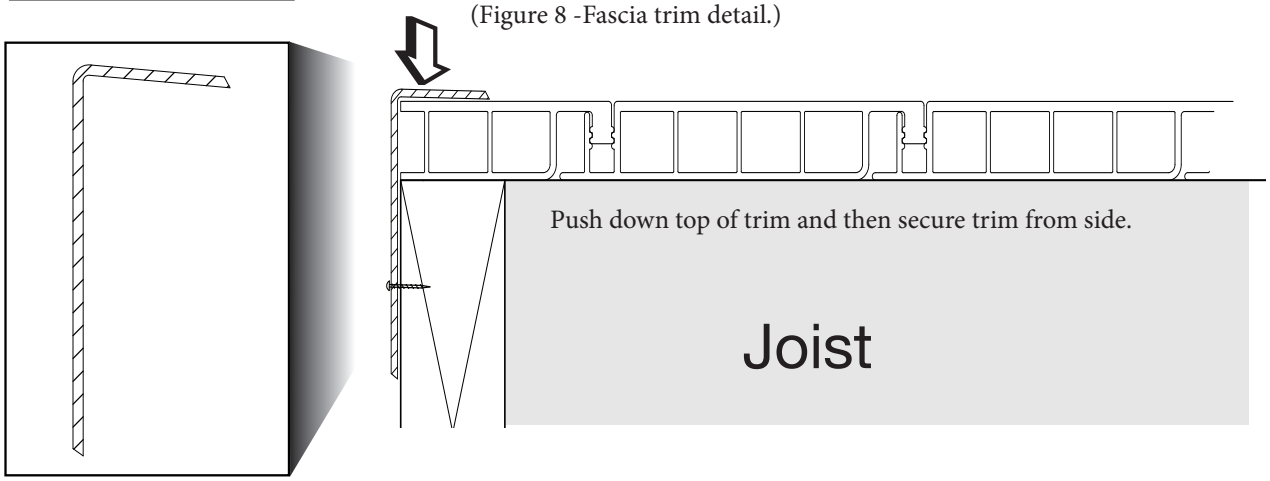
When installing the Deck Trim channels, it is important to:

- pre-drill a double-hole or slot for the screw attachment,
- install screws at no less than a 4 foot interval, and
- install the screw so that it is snug, but not tight.
- Do NOT apply sealant to the finish trim or fascia trim channels. The channeled rain water must be allowed to discharge from the end of the deck boards.

(Figure 7 - Finish trim detail)



(Figure 8 -Fascia trim detail.)



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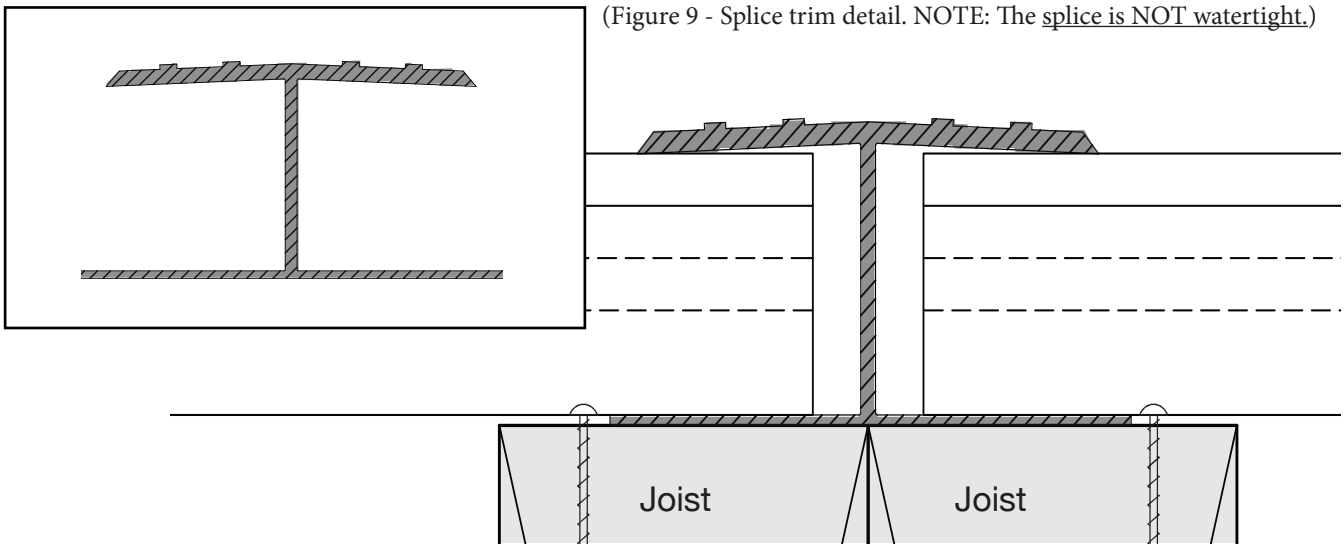
SPLICE TRIM:

As noted previously, the Gorilla Deck G3 system is designed to be installed as a series of continuously interlocked deck boards in order to provide the water-shedding feature. In situations where deck boards come together without a Gorilla Deck interlock (i.e., mitre cut or butt joint), the Gorilla Deck boards may be spliced, but the water-shedding features are not applicable at any splice.

In an installation requiring a splice, it is recommended that the splice be installed at a double joist. The splice should be located at the high point of the sloping substructure, so that water will drain away from the spliced connection. When installing the splice channel, silicone sealant should be applied on the upper and lower deck board surfaces as well as the ends of the interlocking channel on each deck board.



(Figure 9 - Splice trim detail. NOTE: The splice is NOT watertight.)

GUARDRAIL POSTS:

It is the installer's responsibility to ensure that a deck's **guardrail system** complies with applicable **building codes.** If the guardrail installation includes posts that extend through the deck surface:

- Carefully cut openings in the deck boards to allow the posts to fit,
- Apply caulk between the edges of the openings and the posts,
- Install trim pieces at the post base to conceal the openings in the deck boards.

In order to maximize the water-shedding features of the system, post openings should avoid breaching the deck boards' water-shedding channels. If disruption of the channel is unavoidable, some leakage may occur at the rail post opening.

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STAIR TREAD INSTALLATION:

Gorilla Deck can be used in a stair tread in a two-span application with stringers no more than 12" apart. For stair tread installation, install the starter strip next to the riser of the stair stringers. Install the first deck board as on a deck installation.

Trim the second deck board to the appropriate step run length according to the applicable building code. The trimmed edge of the deck board should be secured to the stair stringer using appropriate length screws.

Cover the cut edge of the stair tread deck board using Finish Trim. Secure the Finish Trim in place using PVC compatible adhesive on the top and bottom of the deck board and ¾" #6 pan head stainless steel screws through the bottom of the finish trim into the deck board.

Repeat for each stair tread.

Gorilla Deck G3 is not intended to be installed over a solid surface. Due to the interlocking water shedding design, Gorilla Deck G3 needs and open air environment beneath the structure to prevent trapped heat from warping the deck boards.

RECOMMENDATIONS:

Darker colors, such as Mocha Walnut, may become hot to the touch after prolonged exposure to direct sunlight. This effect can be mitigated with umbrellas, awnings or other shade producing fixtures.

PVC deck boards may be cleaned with mild soap and water. For stubborn marks, a cleaning pad such as Magic Eraser can be used. Cleaning products should be tested in an inconspicuous area before being applied on the full deck surface.

DOs & DON'Ts:

DO: Install Gorilla Deck G3 on wooden joists.
DO NOT: Install directly on plywood sheeting, concrete or other plane surface.
DO NOT: Install Gorilla Deck G3 as a Roof.
DO NOT: Expose Gorilla Deck G3 to unusual or excessive heat sources (e.g., outdoor fire pits, grills, glass window or door reflections) or install adjacent to areas that may absorb heat such as concrete, asphalt or dark-colored gravels.
DO NOT: paint the PVC deck boards.
DO NOT: Use spray-on sunscreen products on Gorilla Deck G3. Spray-on sunscreen products may cause discoloration of the PVC deck board. It is recommended that spray-on sunscreen be applied either indoors, off the deck, or in such a manner that oversprayed product will not come in contact with the deck.
DO NOT: use rubber mats on Gorilla Deck, as they may discolor the deck surface.

The examples and instructions in this document are for illustration purposes only. Any construction or installation of these products must be in accordance with all local building codes. The installer assumes all risks associated with the installation of these products including, without limitation, improper installation, misuse, neglect, improper handling or alterations to these products.

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2014-261

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/

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HOMELAND® VINYL PRODUCTS, INC. **DECK**

LIMITED WARRANTY

DECK PRODUCTS 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 deck 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 deck 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 twenty-five (25) years (ten (10) 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 or air circulation around finished products);

Distortion or warping due to exposure to heat sources, including but not limited to building or pavement heat build-

Continued Inside

up, outdoor grills, fire pits, space heaters, 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;

Minor dripping from Gorilla Deck G3;

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;

Uneven weathering or discoloration due to the use of area rugs, planters, vinyl or rubber-backed mats, plastic tarps, or other objects on deck surface;

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.

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

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. A duly transferred warranty will extend for the balance of the warranty period in effect at the time the warranty was transferred. 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 Products 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.

If a Residential Purchaser makes a valid warranty claim during years eleven (11) through twenty-five (25) after the original purchase date, then the Residential Purchaser's recovery will be prorated as indicated below. If Homeland Vinyl is providing replacement materials, it may elect to replace the percentage listed below of the Products; if refunding the purchase price, it may elect to refund the percentage listed below of the purchase price of the Products.

Year of Claim	11-13	14-16	17-19	20-22	23-25
Recovery	80%	60%	40%	20%	10%

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: _____

Thank You For Your Purchase

Keep this Card Handy
for Quick Reference.

HOMELAND®
VINYL PRODUCTS, INC.

After Purchase Care:

Follow proper installation instructions.

Avoid exposure of any vinyl to unusual or excessive heat sources (e.g., outdoor fire pits, grills, glass window or glass door reflections) or installation adjacent to areas that may absorb heat such as concrete, asphalt, or dark-colored gravel.

Darker colors, such as Mocha Walnut, may become hot to the touch after prolonged exposure to direct sunlight. This effect can be mitigated with umbrellas, awnings or other shade producing fixtures.

Loose dirt can be cleaned with mild soap and water. Any cleaning products should be tested in an inconspicuous area before being applied on the full vinyl surface.

Do NOT paint the PVC.

Spray-on sunscreen or bug spray products may cause discoloration of the PVC vinyl. It is recommended that such products be applied either indoors, off the deck, away from fence and rail, or in such a manner that oversprayed product will not come in contact with the vinyl.

Avoid using rubber mats on any vinyl, as they may discolor the deck surface.

Download Instructions and Literature at:
http://gorilladeck.com/literature/

Warranty:

Be sure to register your new Fence, Deck or Rail's Warranty. ***http://gorilladeck.com/warranty/***

Warranty No. _____

http://gorilladeck.com/warranty/

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