

IMPORTANT ENVISION PVC™ PRODUCT INFORMATION

- Make safety of the workplace the prime consideration. Always wear the proper protective clothing and safety equipment and adhere to all safety guidelines contained herein.
- As with all walking surfaces, deck boards located in higher traffic areas may show wear earlier than other areas. Dragging heavy furniture or other objects across the product may cause surface scratches.
- For optimal appearance, lay out and view all boards before cutting or fastening.
- Discuss any desired material changes, including color matching, with the supplier prior to cutting or fastening the decking to the structure.
- The weathering process for Envision PVC™ decking products may vary due to region, climate, rain, sunlight exposure, etc. Some variations in decking shade will appear due to weathering that will occur at the supplier's yard prior to shipment and due to different lots. Use material from the same date code, (printed on edge of boards) whenever possible. Color variation claims are excluded under TAMKO's limited warranty. To obtain a copy of the limited warranty visit tamko.com.
- Envision PVC, as with all cellular vinyl decking, has a more flexible feel than wood primarily during the heat of summer. This is a natural condition that will not affect the ability of the decking to perform as warranted. For a more rigid feel, reduce joist span spacing by 4".
- Envision PVC decking must be installed in accordance with the installation instructions. Deviations from these instructions may result in unsatisfactory performance, create a potential safety hazard and may exclude coverage of your decking material under the limited warranty.
- Envision PVC deck boards must never be applied directly to any solid surface (concrete, membranes, etc.) or in conjunction with systems where inadequate drainage or improper ventilation are found. There must be proper ventilation and adequate air circulation underneath the deck to promote the evaporation of any water or moisture.

CUTTING & DRILLING

When working with Envision PVC decking saw blades and router bits with carbide tips are recommended. For best results use fine tooth or 20 grit diamond-tipped blades.

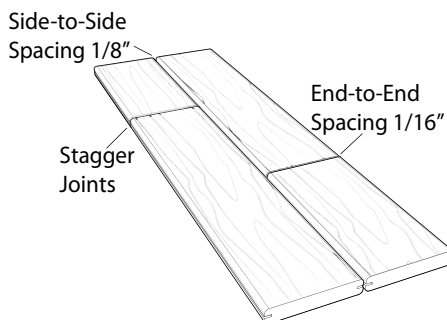
SPACING

Envision PVC decking and skirting will expand and contract with changes in temperature. The amount of expansion and contraction will vary depending upon board size and temperature. Shorter boards will expand less and longer board sizes will expand more. When installing decking, side-to-side spacing must be a minimum of 1/8" between adjacent boards.

*End-to-end spacing between boards must be approximately 1/16" for every 20-degree increment of temperature difference between the

temperature during installation and the maximum expected summertime temperature in your area. Butt joints of boards must be staggered. A sister joist may be utilized at the butt joint to provide a greater fastening area.

*EXAMPLE: 80°F at time of installation and a maximum expected summertime temperature of 100° F equals an end-to-end spacing of 1/16".



FASTENING

Envision PVC is designed to be fastened with a hidden fastener but can also be applied with stainless steel deck screws. **Consult your building professional to ensure selection of fasteners is compatible with your joist and substructure material.**

When installing with a hidden fastener, TAMKO has tested Envision PVC with the Tiger Claw® Model TC-G fastener. Follow the Tiger Claw TC-G installation instructions included in their packaging or refer to their web site at deckfastener.com. If using an alternative fastener the decision is solely the responsibility of the contractor, homeowner or installer.

Envision PVC deck boards can also be face-fastened using two screws per joist, and fastening no more than 1" from the ends. It is recommended to fasten boards as soon as possible after cutting. When face-fastening, the fastener decision is solely the responsibility of the contractor, installer or homeowner.

Envision PVC finished edge skirting boards must be fastened with 3 fasteners every 16" on a solid surface. Fasten top and bottom of the skirting board within 1 1/2 inches from the edge of the board.

STAINLESS STEEL SCREWS

Nominal 1" thick boards requires a #8 – 2 1/2" or longer screw for fastening.

(continued)





ENVISION PVC™ DECKING INSTALLATION INSTRUCTIONS



•FASTENING (CONTINUED)

PNEUMATIC FASTENER

Constant air pressure must be used to drive the screw head flush with the top of the deck board. When using pneumatic screw guns follow the screw gun manufacturer's installation and safety instructions.

STRING LINE

The use of a string line to align fasteners/boards is recommended to enhance the appearance of your finished deck. **(Do not use a chalk line)**

•DECKING SPAN CHART

*Maximum recommended center-to-center spans with a minimum of three joists

	Residential Decks & Light Duty Decks	Commercial Decks, Boardwalks & Marinas
Live Load	100 psf	100 psf
1" x 6"	16"	16"

*NOTE: When a 45° diagonal installation is used, subtract 4" in the maximum span.

When installing Envision PVC as stair treads on a two-span frame the deck boards should be installed at a maximum of 10" on center.

Cellular vinyl decking has a more flexible feel than wood primarily during the heat of the summer. This is a natural condition that will not affect the ability of the decking to perform as warranted. For a more rigid feel, reduce joist span spacing 4". Decking cannot be cantilevered (overhang edge of deck) because structural support is required.

Envision PVC decking is a non-structural construction product. The decking products must not be used as a structural member; including joists, load bearing columns, stringer, or beams.

For best results add an additional joist at the butt joints to increase stiffness.

•LUMBER SIZES & DIMENSIONS

Nominal Size	Actual Size
1" x 6" x (12', 16' or 20')	1" x 5-1/2"
Finished Edge Skirting (12')	5/8" x 11-1/4"

All tolerances +/-1/16"

NOTE: Solid Boards without grooves available in 20-foot lengths only.

•CLEANING

Semi-annual cleaning of your deck is recommended.

FOR CLEANING INFORMATION, please visit the care and cleaning section on our web site at envisionpvcdecking.com.

•CLEANING (CONTINUED)

After cleaning, flush the surface of decking using a garden hose or a power washer hose with a fan-tip nozzle at a pressure not exceeding 1,000 psi to remove any excess cleaning agents.

IMPORTANT NOTE: Sanding the surface to remove stains must not be done. Avoid placing black rubber mats on the deck as they can discolor the deck surface.

•HANDLING

Use care and do not attempt to lift or carry more decking than you can safely handle at one time. Proper clothing and safety glasses must be worn at all times when working with decking. Material must be stored on a rigid, smooth, flat surface and supported every 24". The unused material should be kept covered. If boards become bent, most can be bent back to their original shape during application.

Determination of the effectiveness, suitability, and safety of any application or use of Envision PVC decking is solely the responsibility of the homeowner, contractor, or installer. Building code regulations vary, and the homeowner, contractor or installer must consult local building and safety codes for specific requirements prior to the application of Envision PVC decking.

•LIMITED WARRANTY

TAMKO® Building Products, Inc. provides a 25-year limited warranty for Envision PVC products. Failure to install products in accordance with these written instructions may exclude coverage under the limited warranty. For a copy of the limited warranty see your Dealer or visit tamko.com.

Returns or claims for decking product due to any condition that was clearly apparent prior to application/ fastening of product, will not be considered after decking has been applied/fastened to deck structure, joist, etc.

•BUILDING CODE APPROVED

ATI-CCRR-0124

Refer to code reports on tamko.com for product details.

TAMKO Building Products, Inc.
P.O. Box 1404
Joplin, Missouri 64802

- Technical Services: 1-800-253-1401
- Warranty Services: 1-800-441-7190
- Customer Service: 1-800-253-1401

envisionpvcdecking.com

These application instructions were current at the time of printing. To obtain a copy of the most current version of the application instructions, visit us online at envisionpvcdecking.com or call us at 800-641-4691.

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