

WOLF PVC DECKING INSTALLATION

Local building codes and principles should always be adhered to when installing WOLF PVC Decking. All installations are unique and the sole responsibility of the installer to determine specific requirements for each application. WOLF claims no liability or responsibility for the improper installation of this product. WOLF recommends that all designs be reviewed by a licensed engineer, architect, and/or local building inspector before installation.

STORAGE

- Store on a flat level surface.
- Do NOT stack bundles over 8 units high.
- Use caution when using a forklift, as forks will easily damage the decking.
- When using plastic banding (steel banding is not recommended), use corner protectors to prevent indenting the material.
- Keep factory applied covering on products until installed to protect against dirt and debris.
- Cover decking with a light colored tarp before installing to minimize expansion and contraction.

TOOLS

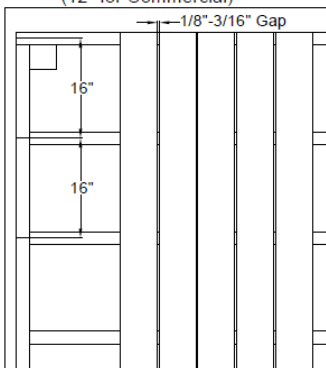
- WOLF PVC Decking installation is comparable to wood or composite decking and the tools for installation are similar.
- Do not nail WOLF PVC Deck boards.
- Battery operated (or Corded) drill/screwdriver is recommended.
- Self-feeding screw guns can also be used.
- Saw capable of miter cuts with a fine-toothed carbide tipped finish trim blade is recommended: 7 ¼" 40 tooth minimum; 10" 60 tooth minimum; 12" 90 tooth minimum
- Remember to wear safety glasses/goggles at all times.

BEFORE YOU START – IMPORTANT PREPARATION

- WOLF PVC Deck boards are not meant to be used for structural applications, supports or beams.
- WOLF PVC Deck boards should never be used for a support or a component of railing systems.
- Keep product orientated using print-line as a guide.
- Deck should be designed with enough clearance underneath to allow for proper air circulation.
- If you are using an existing support structure, check that all joists are level, structurally sound, with no nails or screws protruding.
- Correct joist spacing is required for proper installation (See Illustrations)
 - For best results, space 12" OC to minimize deflection
 - Do NOT exceed 16" center to center spacing when installing planks perpendicular to joists.
 - Do NOT exceed 12" center to center spacing for any and all commercial applications.
 - Do NOT exceed 12" center to center spacing when installing planks diagonal to joists, such as a herringbone pattern.
 - Whenever WOLF PVC Deck boards are installed end-to-end, a double joist is required to fasten deck boards to joists.
 - Be sure all joists are level and crowned correctly. WOLF Deck will conform to the contour of the substructure.
- Use two screws for every joist
- Maximum cantilevering distance is 1"

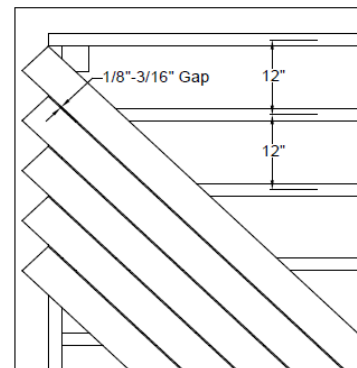
BASIC INSTALL

16" on Center Joist Spacing
(12" for Commercial)



DIAGONAL INSTALL

12" on Center Joist Spacing



JOIST SPACING

	90° ANGLE	30° ANGLE	45° ANGLE
100 PSF	16"	12"	12"

EXPANSION AND CONTRACTION

WOLF PVC Decking, when installed with two screws per joist, will have minimal expansion and contraction due to temperature changes. There will be no side-to-side movement and small end-to-end change; slight gaps may be noticed at the ends of boards or in spliced joints.

Approximate expansion and contraction for unattached deck boards based on 50° F temperature change: 12' = 3/16" / 16' = 1/4" / 20' = 5/16"

Provide proper ventilation to minimize expansion and contraction.

- Fasten boards as soon after cutting as possible.
- Boards must be fastened with two screws no more than 1/2" from the ends.
- Install boards together tightly at spliced joints and miters.
- Always leave a 1/8" to 1/4" gap between decking and any structure (wall or post).
- Fasten ends of deck boards, splices and abutments to building or securely to framing using two screws positioned within ½" of each board end or joint.
- Stagger miters or splices so they do not all break on the same joist.

WOLF PVC Deck fascia board must be fastened using 2 ½" CAMO™ Stainless Steel screws at 12" on center. Screws should be installed 1 ½" from the top and bottom edges, along with a screw in the center. Use a bead of construction adhesive between 12" oc.

BOARD SPACING

AMBIENT TEMPERATURE	BUTT ENDS	SIDE TO SIDE
Below 32° F	3/16"	1/8" - 3/16"
Between 32° F and 75° F	1/8"	1/8" - 3/16"
Above 75° F	No Space	1/8" - 3/16"

Only when installing in temperatures below 32° F leave a 3/16" gap at butt joints or miter cuts.

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RECOMMENDED FASTENERS

WOLF PVC Decking is designed for durability and correct fasteners must be used to ensure the quality of the installation. High quality fasteners that meet the following requirements are recommended:

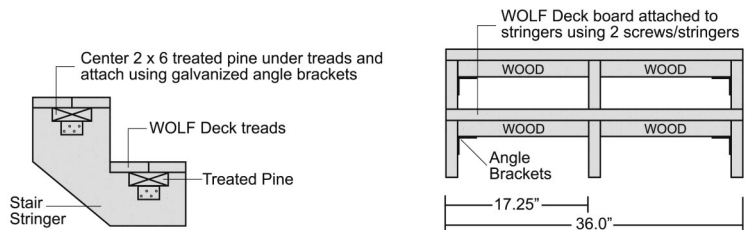
- Stainless Steel
- #10 Screw Size Minimum
- 2 ¼" Length Minimum
- Coastal applications near salt water require a 316 Stainless Steel screw or better
- Cortex®, CAMO™ Stainless Steel, HIDfast™ and Tiger Claw® Pro Clip hidden fastening systems work well with WOLF PVC Deck
- For CAMO, HIDfast and other side mount installations, use Cortex face screws or other positive fastening system within ½" of the end of each board. For any other fastener systems contact WOLF customer service or the fastener manufacturer for compatibility.

NOTE:

- When installing WOLF PVC Deck with hidden fasteners, always use a sacrificial board against the side of the deck board. Never strike WOLF PVC Deck board directly with hammer or rubber mallet.
- Dock and pier installations may have special fastening specifications as required by building codes. Check with authorities prior to installation.
- For best results, pre-drill holes when installing decking at 40°F or below
- Cutting a continuous groove in the side of the board will void the warranty and is not recommended

STAIR TREADS

- Construct stairs per local building code requirements.
- Proper support beneath the deck boards is required.
- Install WOLF PVC Deck boards on stringers set no more than 11 inches on center. For longer spans, additional wood supports are necessary. See drawing.
- Fasten boards using two screws per stringer per board.
- Over hang should not exceed ½ inch.



CARE & MAINTENANCE

WOLF PVC Decking, while very durable, must be maintained. The following recommendations will help keep the product looking its best:

- Periodic washing of the product using normal household products to remove dirt and debris. Products like DeckMAX® Revitalizer should be avoided as they can etch the cap of WOLF Decking and void the warranty.
- For rust removal, a household toilet bowl cleaner is recommended.
- NEVER use rubber backed items such as: mats, tarps, etc. for any extended amounts of time as these items may cause discoloration of the decking surface.
- Pool Covers left in place for extended periods of time may cause discoloration of the decking surface
- Some chemicals in sun-block, insect repellent and similar products can alter the surface of WOLF PVC Decking. Check product labels and consult the manufacturer for compatibility with plastics before use.
- Ice Removal: Products containing calcium chloride can be used without damage to the surface but may leave a white residue. This can be cleaned using the principles outlined above. For snow removal only use a plastic shovel.
- While all synthetic decking can be subject to static electricity, static on new PVC decking to the point of getting a shock is rare. There is no chemical means to reduce static on a deck. As time passes, rain and dust will nullify any static charge you may encounter.

NOTE: All decking surfaces will get hot in the sun, with darker colors feeler hotter than lighter colors.

WARNING: Excessive heat build up from reflecting sunlight, especially reflected by low-emissivity (Low-E) glass, can potentially damage WOLF PVC Deck and other building materials, since these surface temperatures may far exceed exposure to normal sunlight. Possible damage by such concentrated heat may include warping, sagging, surface discoloration, unusual weathering and increased expansion or contraction. For additional questions or concerns contact WOLF customer service.

WOLF deck boards are specially formulated to very closely resemble real wood decking. As a result, there may be slight differences in color and grain pattern from board to board. This adds to the uniqueness of WOLF Decking, and will in no way affect the performance of the product.