

Stonedecks Installation Manual 2023

Appalachian Collection

Tanzite

STONEDECKS



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These instructions, guides and how-to's" are provided for informational purposes only information contained herein is intended to provide general guidelines to simplify your project. Because tools, products, materials, techniques, building codes, and other regulations are continually changing. Tanzite STONEDECKS assumes no responsibility for the accuracy of information contained herein and disclaims any liability for the omissions, errors, or the outcome of any project. It is the responsibility of the installer or user to ensure compliance with all applicable laws, rules, codes and regulations for their project. The installer or user must always take proper safety precautions and exercise caution when taking on any project. If there is any question of doubt in regards to any element of a project, please consult a licensed professional.

INTRODUCTION

Tanzite Stonedecks' Appalachian Collection consists of 3 different "board" profiles, with 6 different clips.

Grooved Profile:

This profile is the primary profile and is used for the center and edge along the house, of the deck. It is typically held in place via hidden fasteners down to the joist structure.



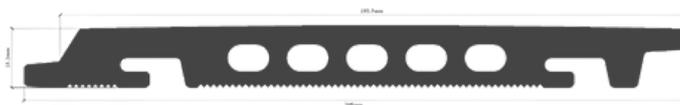
Edge Profile:

This profile is what is used to finish the outside visible edge of the deck. It is finished on one side and the other side has the same groove as the grooved profile. It is held in place via two different hidden fasteners. The grooved side uses the Grooved Clip. The Finished edge side uses either the Starter Clip or the Edge Clip.



Fascia profile:

This profile is what is used to finish the vertical sides of the deck, below the deck surface. It is also used on the step risers. This area is often also considered the deck's skirting. It is held in place using the Fascia clips that slid into the hidden grooves of the board.



Access Our Installation Resources

Installation guides and videos are available on our web site at www.tanzite.com

Do you need help with your installation?

We have an excellent team that is here to help you with your installation questions. If you need help or have any questions you can call us at 1-833-478-6633 or visit TANZITE.COM to view our installation videos.

Grooved Clip:

This fastener is the primary clip used throughout the deck to hold the grooved boards in place. It is also used to hold the grooved side of the edge boards. A cut can be made into the side of the board to fit the clip, when needed.

Each clip comes with 1 painted 316 Stainless Steel Screw. The arches are used to help hold the clip in the groove while you make any adjustments.



Edge Clip:

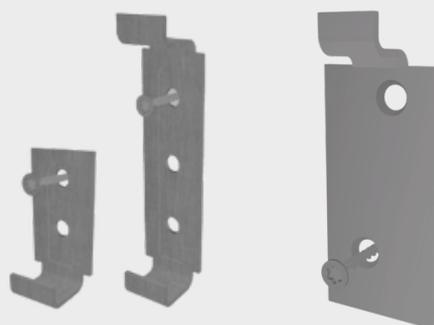
The edge clip is used along the outer edge of the deck to hold the edge profile “board” down against the frame. It is similar to the starter clip only it is installed onto the vertical face of the deck frame, not the horizontal face. This clip can be installed after the edge profile board is placed. Each clip comes with a 316 Stainless Steel Screw.



Fascia clips:

The fascia clips are used as hangers to fasten the fascia boards. There are three styles of fascia clips; single, double, and high-rise. The Single clips are typically only used as the top, and bottom, of the deck skirting.

However, the Single Clip can be used in any position to fasten the fascia board. The double clip fits into the top groove of the bottom “board” and the bottom groove of the board above that. This allows you to save time and ensures accurate and consistent vertical spacing from one piece to the next. The high-rise fascia clip is only used at the top, of the first board and only when installing the fascia board flush to the top of the deck board. Each clip comes with a 316 Stainless Steel Screw



Starter Clip:

This fastener is used along the house to hold the grooved boards in place. It can also be used to hold the finished side of the edge boards, fitting into the hidden groove. The starter clip sets and maintains the distance off the house wall and stops the groove boards from lifting. Each clip comes with a 316 Stainless Steel Screw and pre-drilled holes to choose from ensuring you are able to sink the

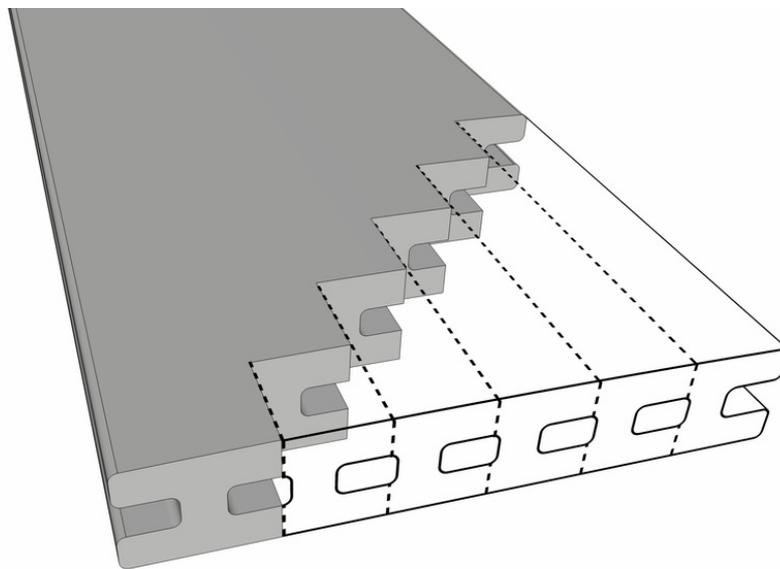


Ideal deck depths to avoid cutting the Tanzite:

(edge along the house, to the opposite edge. Typically parallel to the joist layout.)

Since the deck boards are 6" wide the finished deck surface can fit any 6" dimension. (3', 3'6", 4', 4'6", etc.) The Deck frame depth should be 1" less then the deck surface. Example, a 8' deep finished deck should have a deck frame that is 7'11"

As needed, the Deck boards can be cut along any of the holes which then conveniently create a new groove to fasten down the board.



Ideal finished surface depths to avoid cutting any boards lengthwise:

Ideal finished surface depths	3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"	7'6"	8'0"	8'6"
Frame depth to match	2'11"	3'5"	3'11"	4'5"	4'11"	5'5"	5'11"	6'5"	6'11"	7'5"	8'11"	8'5"

Ideal finished surface depths (continued)	9'0"	9'6"	10'0"	10'6"	11'0"	11'6"	12'0"	12'6"	13'0"	13'6"	14'0"
Frame depth to match	8'11"	9'5"	9'11"	10'5"	10'11"	11'5"	11'11"	12'5"	12'11"	13'5"	13'11"

Ideal finished surface depths (continued)	14'6"	15'0"	15'6"	16'0"	16'6"	17'0"	17'6"	18'0"	18'6"	19'0"	19'6"
Frame depth to match	14'5"	14'11"	15'5"	15'11"	16'5"	16'11"	17'5"	17'11"	18'5"	18'11"	19'5"

Half starter board surface depths. These dimensions require cutting the starter board in half lengthwise, one cut typically produces 2 usable pieces:

Half starter board surface depths	3'3-1/8"	3'9-1/8"	4'3-1/8"	4'9-1/8"	5'3-1/8"	5'9-1/8"	6'3-1/8"	6'9-1/8"	7'3-1/8"	7'9-1/8"
Frame depth to match	3'2-1/8"	3'8-1/8"	4'2-1/8"	4'8-1/8"	5'2-1/8"	5'8-1/8"	6'2-1/8"	6'8-1/8"	7'2-1/8"	7'8-1/8"

Half starter board surface depths (cont.)	8'3-1/8"	8'9-1/8"	9'3-1/8"	9'9-1/8"	10'3-1/8"	10'9-1/8"	11'3-1/8"	11'9-1/8"	12'3-1/8"
Frame depth to match	8'2-1/8"	8'8-1/8"	9'2-1/8"	9'8-1/8"	10'2-1/8"	10'8-1/8"	11'2-1/8"	11'8-1/8"	12'2-1/8"

Half starter board surface depths (cont.)	12'9-1/8"	13'3-1/8"	13'9-1/8"	14'3-1/8"	14'9-1/8"	15'3-1/8"	15'9-1/8"	16'3-1/8"	16'9-1/8"
Frame depth to match	12'8-1/8"	13'2-1/8"	13'8-1/8"	14'2-1/8"	14'8-1/8"	15'2-1/8"	15'8-1/8"	16'2-1/8"	16'8-1/8"

Ideal deck widths to avoid cutting the Tanzite:

(edge typically parallel to the house that the deck is attached to)

12" Joist spacing, assuming the house does not make contact with the deck on either side:

12" stagger surface width	5'1/8"	6'1/8"	7'1/8"	8'1/8"	9'1/8"	10'1/8"	11'1/8"	12'3/16"
Frame width to match	4'10-1/8"	5'10-1/8"	6'10-1/8"	7'10-1/8"	8'10-1/8"	9'10-1/8"	10'10-1/8"	11'10-3/16"

12" stagger surface width	13'3/16"	14'3/16"	15'3/16"	16'3/16"	17'3/16"	18'3/16"	19'3/16"
Frame width to match	12'10-3/16"	13'10-3/16"	14'10-3/16"	15'10-3/16"	16'10-3/16"	17'10-3/16"	18'10-3/16"

16" Joist spacing, assuming the house does not make contact with the deck on either side:

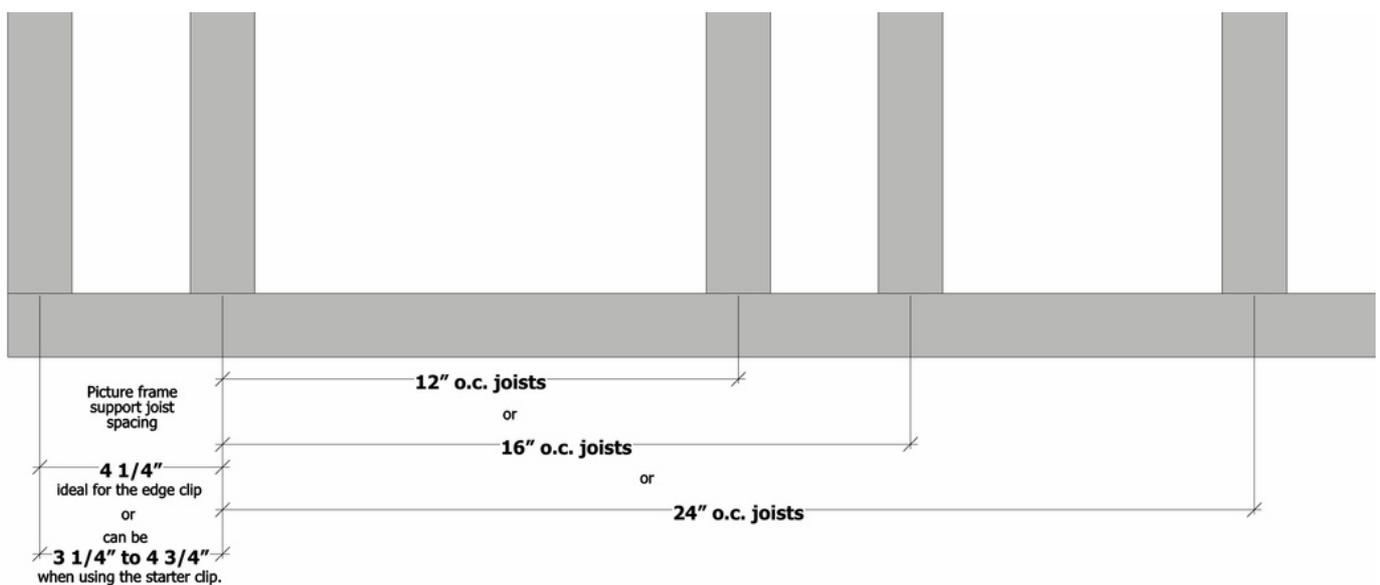
16" stagger surface width	5'1/8"	6'4-1/8"	7'8-1/8"	9'1/8"	10'4-1/8"	11'8-3/16"	13'3/16"	14'4-3/16"
Frame width to match	4'10-1/8"	6'2-1/8"	7'6-1/8"	8'10-1/8"	10'2-1/8"	11'6-3/16"	12'10-3/16"	14'2-3/16"

16" stagger surface width	15'8-3/16"	17'3/16"	18'4-3/16"	19'8-1/4"	21'1/4"	22'4-1/4"	23'8-1/4"	25'1/4"
Frame width to match	15'6-3/16"	16'10-3/16"	18'2-3/16"	19'6-1/4"	20'10-1/4"	22'2-1/4"	23'6-1/4"	24'10-1/4"

24" Joist spacing, assuming the house does not make contact with the deck on either side:

24" stagger surface width	5'1/8"	7'1/8"	9'1/8"	11'1/8"	13'3/16"	15'3/16"	17'3/16"
Frame width to match	4'10-1/8"	6'10-1/8"	8'10-1/8"	10'10-1/8"	12'10-3/16"	14'10-3/16"	16'10-3/16"

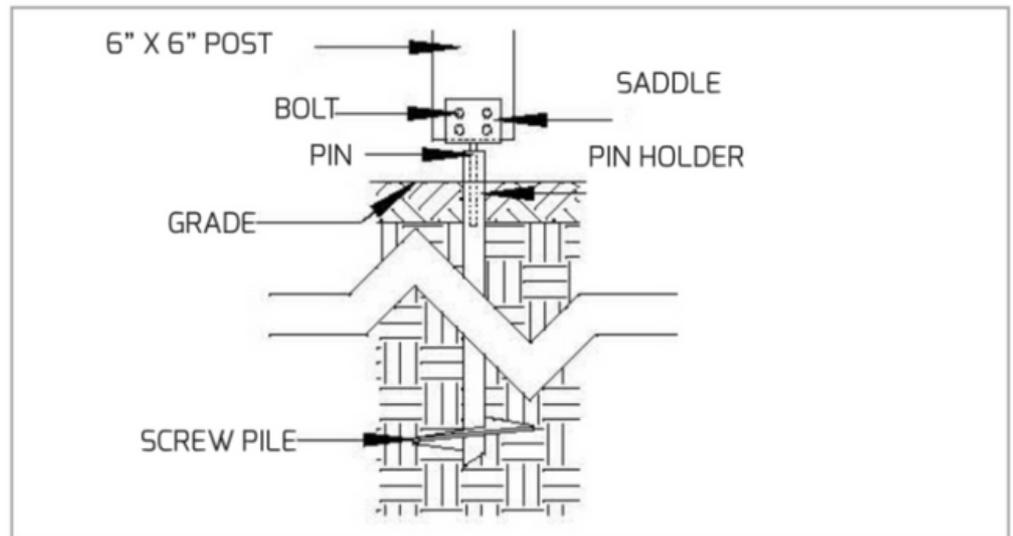
24" stagger surface width	19'3/16"	21'1/4"	23'1/4"	25'1/4"	27'1/4"	29'5/16"	31'5/16"
Frame width to match	18'10-3/16"	20'10-1/4"	22'10-1/4"	24'10-1/4"	26'10-1/4"	28'10-5/16"	31'10-5/16"



Foundation:



1. Determine where each pile is to be located and ensure there are no buried hazards, like a gas line, where you will put each pile.
2. Use a screw pile, a concrete footing, or other foundation, as allowed by your building code.



Ledger Board:



1. Determine the desired finish height of the deck.
2. Attach the ledger board to the house using lag bolt, or other load rated fasteners.

Post and Beam:



1. Build a beam for the length you will need.
2. Determine the height you will need for each post. It is ideal to place the post under the beam.

Joists:

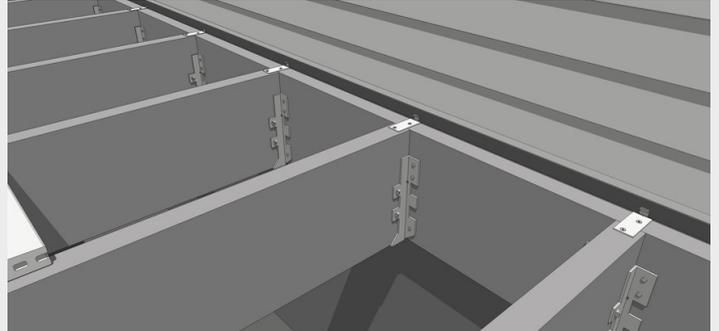


1. Determine the desired finish height of the deck.
2. Install joist hangers onto the ledger board at the correct height.
3. Space the joists correctly. The first joist, in from the side rim joists, need to be spaced correctly to hold the edge of the Edge board, typically 4 1/4".
4. When placing each joist ensure that any crown, or arch, to the wood faces upward.
5. Install spacers in between the joists in about the midway length of the joist.
6. Install a rim board at the open end of the joists.
7. Ensure that the finished joist structure is level and there are no protruding nail, or screws. Tanzite has minimal flexibility and can not conform to uneven surfaces well.
8. Install extra bracing where railing posts will mount, as per railing manufacturer requirements.

Tanzite Stones:

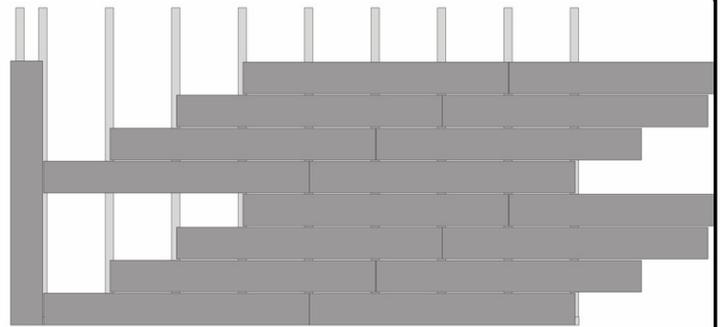
Install the Starting Clips

Start by installing the starting clips along the house wall, that is perpendicular to the joists. Install one clip centered on each joist. It is important that all of the starter clips are even and squared to the deck's rim board opposite the house wall to ensure the outer edge of the deck has a consistent fit and finish. (Use a chalk line to help complete this quickly and accurately.)



There are different layouts or patterns as to how the pieces are laid. These layouts are based on your joist spacing.

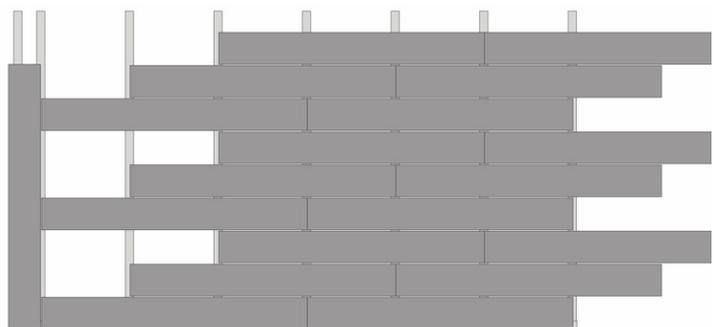
- If you built your deck with 12" joist spacing, you'll install it as a 4 row stagger. Start with a full board, then the next row of boards is shifted 12" over from the 1st row, then the row after that is again shifted over 12" from the row before it (the 2nd row), then the row after that is again shifted over 12" from the row before it (the 3rd row), then start back at the beginning for the following row and repeat this as needed.



12" joist spacing - 1/4 stagger

(Tip: Before starting, cut one board at 12" which gives you the 36" pieces as well. Then cut another in half to have two 24" pieces. Then you can use these to create the perfect stagger in your layout.)

- If you built your deck with 16" joist spacing, you'll install it as a 3 row stagger. Start with a full board, then the next row of boards is shifted 16" over from the 1st row, then the row after that is again shifted over 16" from the row before it (the 2nd row), then start back at the beginning for the following row and repeat this as needed.



16" joist spacing - 1/3 stagger

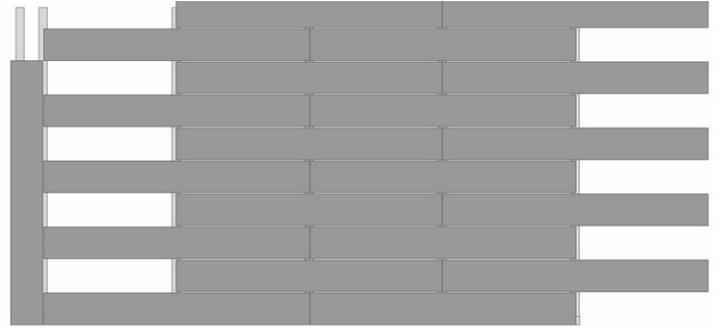
(Tip: Before starting, cut a board to be 16" long, this will be used to start your 2nd row, and the cutoff can be used to start your 3rd row.)

How to build a Deck

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- If you built your deck with 24" joist spacing, you'll install it as a 2 row stagger. Start with a full board, then the next row of boards is shifted 24" over from the 1st row, then start back at the beginning for the following row and repeat this as needed.

(Tip: Before Starting, cut a board to be 24" long, this will be used to start your 2nd row, and the cutoff can be used to start your 4th row.)

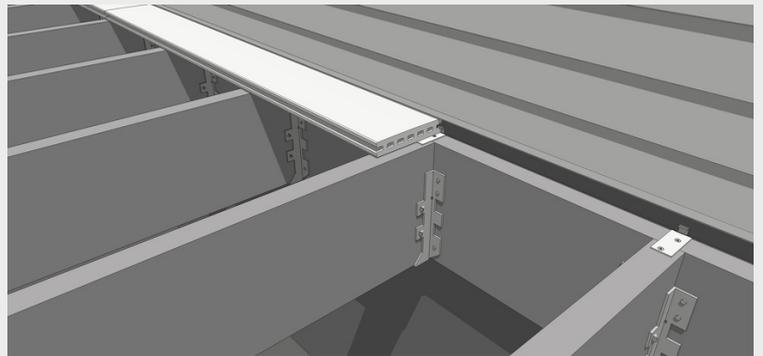


24" joist spacing - 1/2 stagger

- A 2 row stagger can also be used with 12" joist spacing.

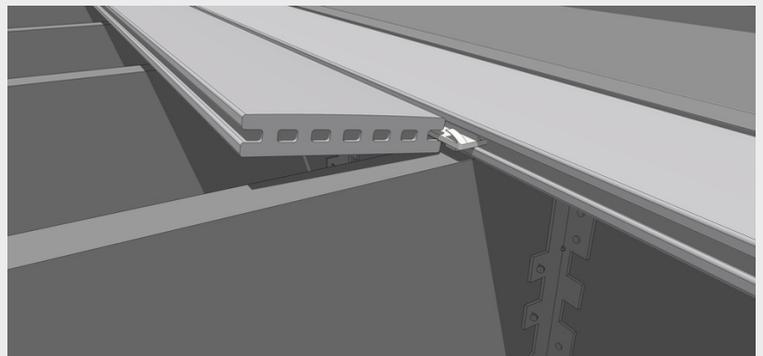
Once you've determined your layout, start by installing the first board that will fit along the house by sliding the groove of the board into the starter clip. Dry fit the hidden fasteners as you go, one per joist.

(Tip: the hidden fasteners will typically stay in place while you carry and place boards. This can allow you to dry fit spacers while standing in a more comfortable position, and/or allowing you to place fasteners on several boards at a time.)



Install the second row of boards into the dry fit hidden fasteners, then screw the hidden fasteners into the joist.

(Tip: Just like with flooring, try to use boards from 3 or 4 packs at a time to ensure an even blend of patterns, and color tones.)

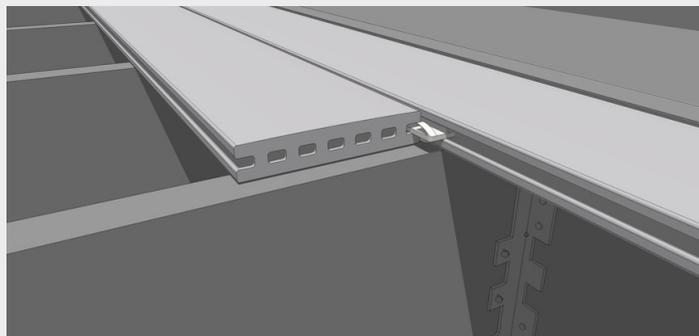


How to build a Deck

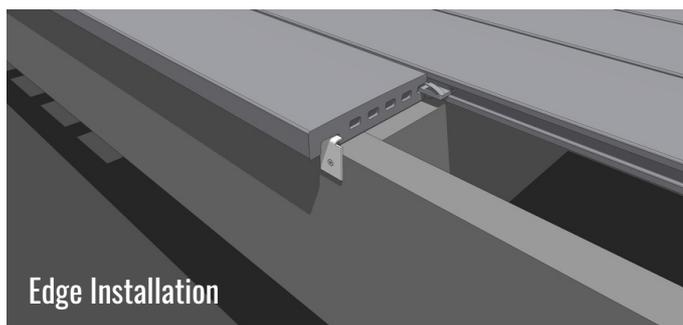
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Repeat step 3 until you're ready for the edge boards.

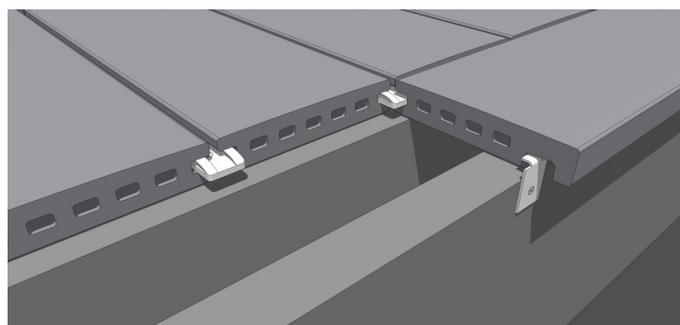
(Tip: If your deck is not perfectly square you adjust the gap between the boards slightly to help hide that the deck is not square and to ensure a perfect finish at the edge.)



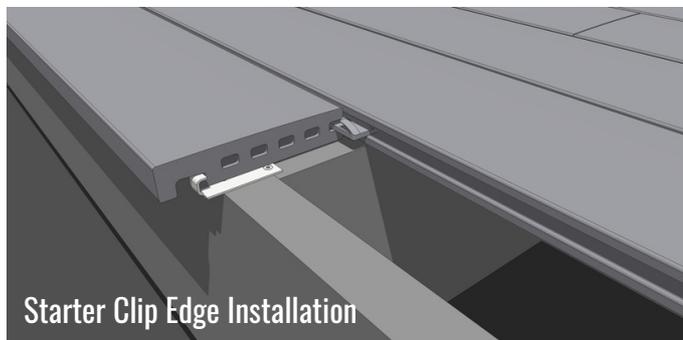
Place the Edge board into the hidden fasteners of the row behind it, do not screw down the fasteners yet, then install and screw in the edge clips along the outer vertical face of the deck frame. Generally, this is the vertical face of the rim board and outer joists. Finish by screwing in the last row of hidden fasteners.



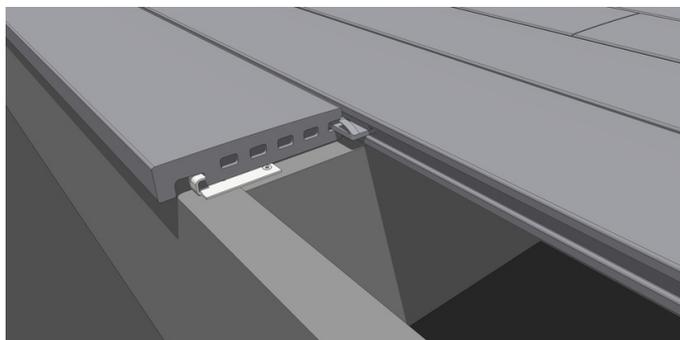
Edge Installation



The edge board can also be installed using the starter clip. This will allow you to over hange the rim joist from 0" to 1.5". Tip; this may be advantageous if the deck isn't square.



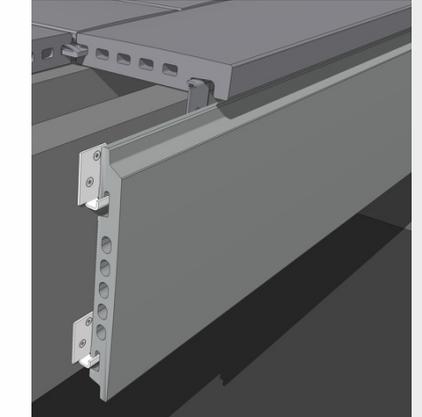
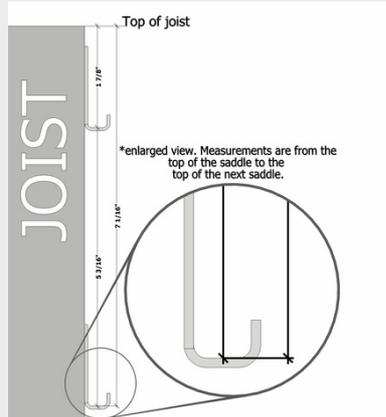
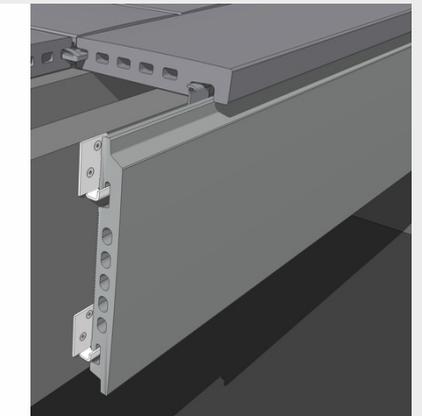
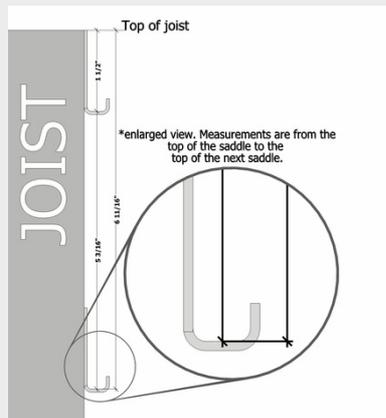
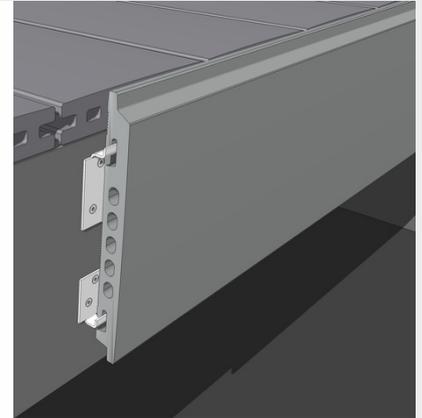
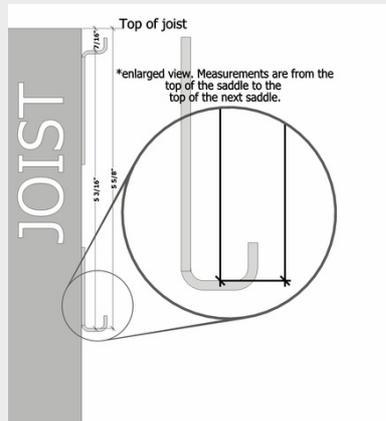
Starter Clip Edge Installation



Fascia Board Install

Single Fascia Board

- The fascia board can be installed 3 ways:
 - Installed flush under the edge board. (which means it must be installed prior to the edge boards) For this method, Install the single fascia clip flush to the top of the joist.
 - Installed with a $\frac{3}{8}$ " gap between the edge board and fascia board. (This allows installation of the edge board prior to the fascia boards) For this method, Install the single fascia clip $\frac{3}{8}$ " lower.
 - Installed flush to the top of the deck boards. (This covers the sides of the deck deck boards) For this method, use the high rise fascia clip installed $1\frac{9}{16}$ " (40mm) below the top of the deck boards.
- Then install a second single fascia clip $5\frac{3}{16}$ " (132mm) down. (measure from the the top of the clip to the top of the next clip)
- Install the clip between 1" and 12" from either side of the fascia board, ensuring 4 clips per fascia board, two on the top and two on the bottom grooves. (note that the clips need to be properly spaced vertically, but do not need to align horizontally)
- Mitre cut the fascia board to finish the corners. Then dry fit the pieces to ensure a satisfactory finish.
- Place a dollop of outdoor adhesive (PL400 or similar) on each clip, then place each fascia board.

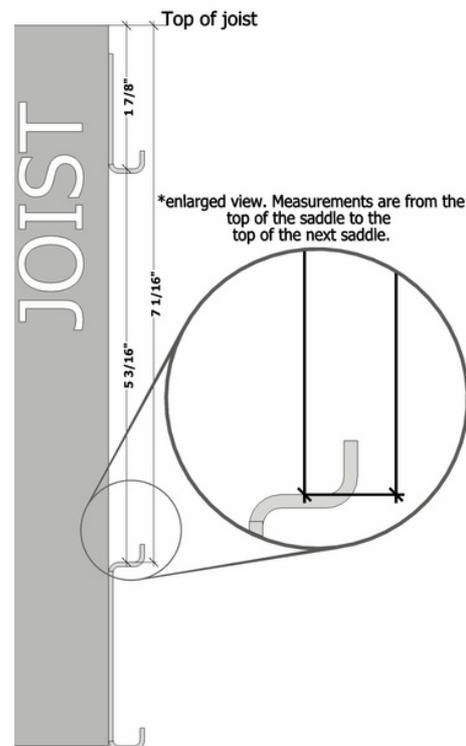
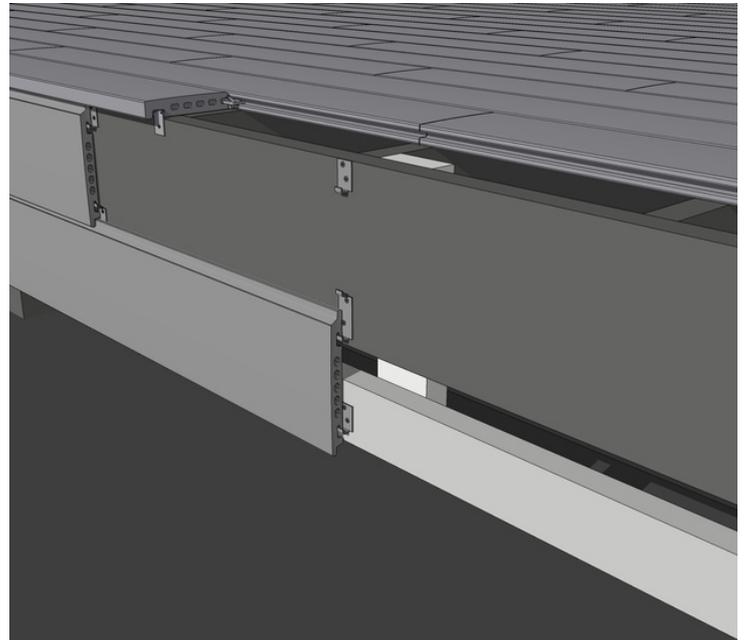


Tips

- Ensure the edge board overhangs the rim joist enough to cover the top of the fascia boards, for a cleaner finish.
- Complete the mitre cuts for the corners before making another cuts, when dry fitting.
- Score the finished side of the board prior to making your mitre cut to avoid chipping caused by your blade.

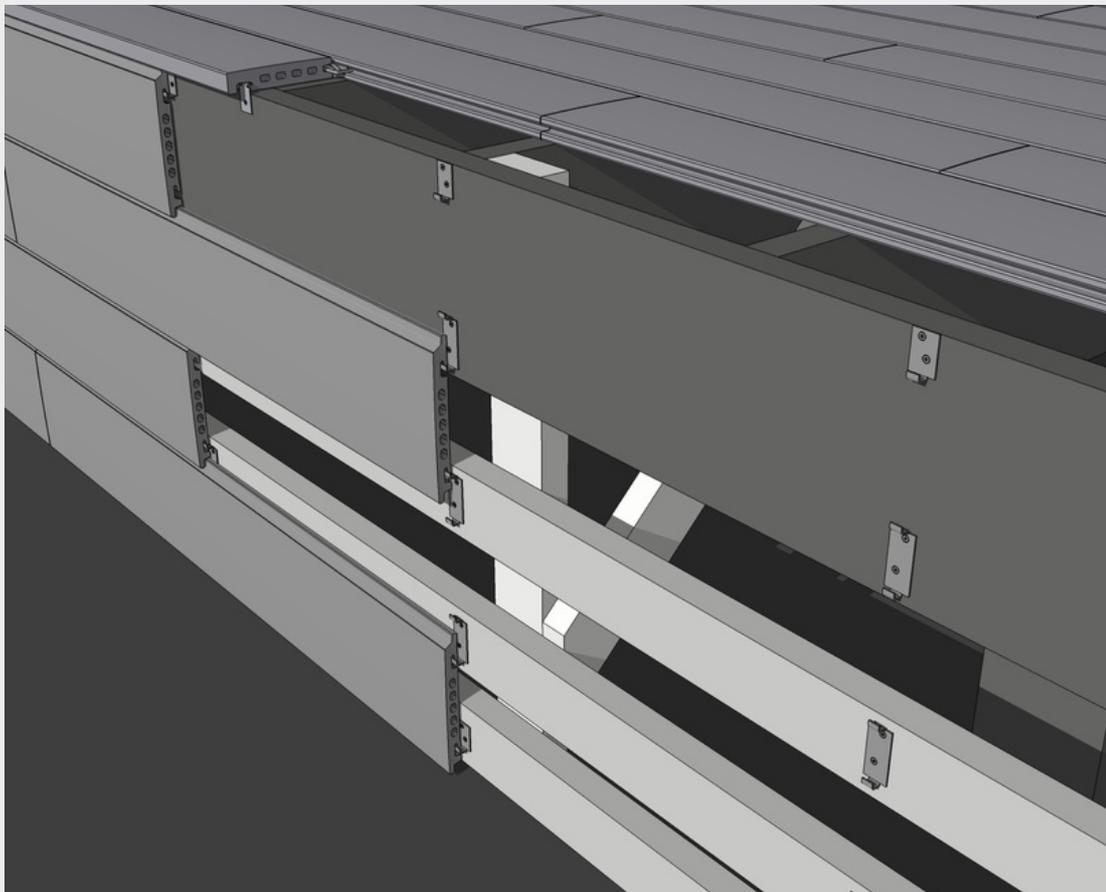
Double Fascia Board

- The fascia board can be installed 3 ways:
 - Installed flush under the edge board. (which means it must be installed prior to the edge boards) For this method, Install the single fascia clip flush to the top of the joist.
 - Installed with a $\frac{3}{8}$ " gap between the edge board and fascia board. (This allows installation of the edge board prior to the fascia boards) For this method, Install the single fascia clip $\frac{3}{8}$ " lower.
 - Installed flush to the top of the deck boards. (This covers the sides of the deck deck boards) For this method, use the high rise fascia clip installed $1 \frac{9}{16}$ " (40mm) below the top of the deck boards.
- Then install a double fascia clip $5 \frac{3}{16}$ " (132mm) down. (measure from the the top of the clip to the top of the next clip)
- Then install a second single fascia clip $7 \frac{5}{8}$ " (194mm) down. (measure from the the top of the clip to the top of the next clip)
 - Where a clip is needed below the rim joist you can fasten a backer board to the back of the rim joist, then to a board below the rim joist.
- Install the clip between 1" and 12" from either side of the fascia board, ensuring 4 clips per fascia board, two on the top and two on the bottom grooves. (note that the clips need to be properly spaced vertically, but do not need to align horizontally)
- Mitre cut the fascia board to finish the corners. Then dry fit the pieces to ensure a satisfactory finish.
- Place a dollop of outdoor adhesive (PL400 or similar) on each clip, then place each fascia board.



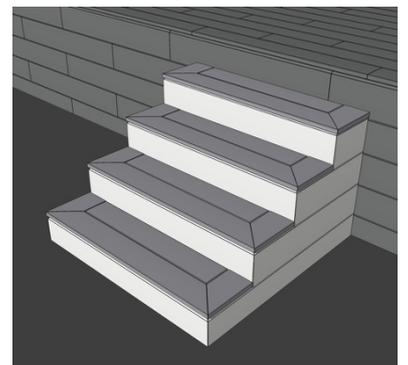
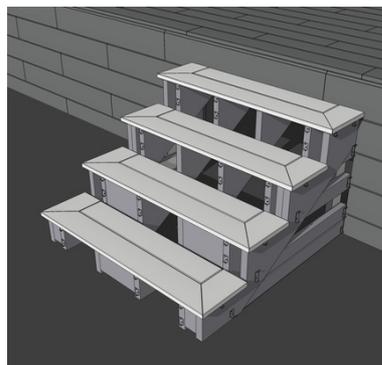
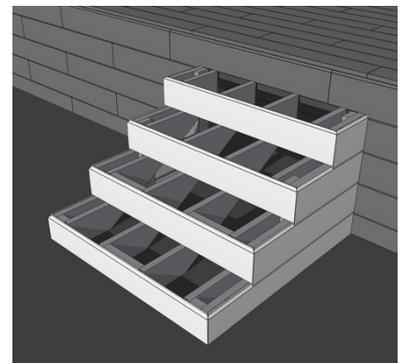
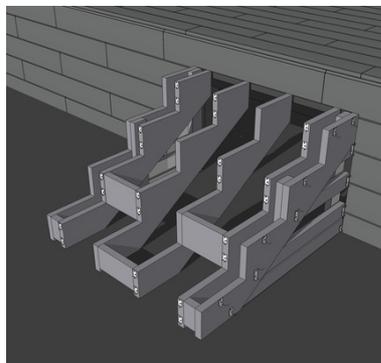
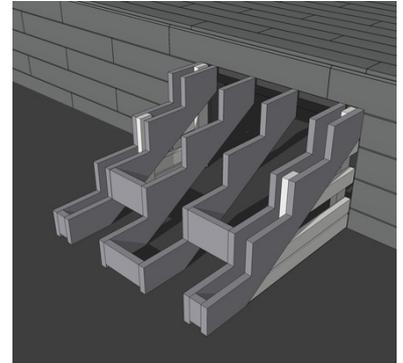
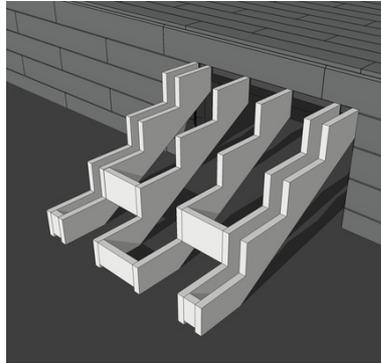
Deck Siding using Fascia Boards

- The fascia board can be installed flush under the edge board (which means it must be installed prior to the edge boards) or installed with a $\frac{3}{8}$ " gap between the edge board and fascia board (This allows installation of the edge board prior to the fascia boards)
 - For a flush finish, Install the single fascia clip flush to the top of the joist.
 - For a $\frac{3}{8}$ " gap finish, Install the single fascia clip $\frac{3}{8}$ " lower.
- Then install a double fascia clip 5 $\frac{3}{16}$ " (132mm) down. (measure from the the top of the clip to the top of the next clip)
 - Continue installing double clips until you reach the last fascia board.
- Then when you reach the bottom of the deck side, install a second single fascia clip 7 $\frac{5}{8}$ " (194mm) down. (measure from the the top of the clip to the top of the next clip)
 - Run studs vertically from the rim joists, then brace them with a board angled back to the deck frame, ensuring they are plum. The install boards horizontally where the clips will be placed.
- Install the clip between 1" and 12" from either side of the fascia board, ensuring 4 clips per fascia board, two on the top and two on the bottom grooves. (note that the clips need to be properly spaced vertically, but do not need to align horizontally)
- Mitre cut the fascia board to finish the corners. Then dry fit the pieces to ensure a satisfactory finish.
- Place a dollop of outdoor adhesive (PL400 or similar) on each clip, then place each fascia board.



Step Risers

- The fascia board can be installed flush under the edge board (which means it must be installed prior to the edge boards) or installed with a $\frac{3}{8}$ " gap between the edge board and fascia board (This allows installation of the edge board prior to the fascia boards)
 - For a flush finish, Install the single fascia clip flush to the top of the joist.
 - For a $\frac{3}{8}$ " gap finish, Install the single fascia clip $\frac{3}{8}$ " lower.
- Then install a second single fascia clip 5 $\frac{3}{16}$ " (132mm) down. (measure from the top of the clip to the top of the next clip)
- Install the clip between 1" and 12" from either side of the fascia board, ensuring 4 clips per fascia board, two on the top and two on the bottom grooves. (note that the clips need to be properly spaced vertically, but do not need to align horizontally)
- Mitre cut the fascia board to finish the corners. Then dry fit the pieces to ensure a satisfactory finish. (tip; cut the miter cut, then notch the board to fit around the deck board)
- Cut the bottom of the fascia board as needed to fit the required riser height.
- Place a dollop of outdoor adhesive (PL400 or similar) on each clip, then place each fascia board.



Extra Recommendations

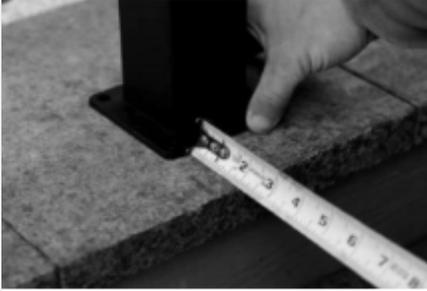
- **Sealing Tanzite**
 - Sealing Tanzite can make it easier to clean, particularly in muddy areas, and can include Microban to help keep the surface sanitary. We suggest ULTRA-SOLV® from Aqua-Mix. <https://aquamix.com.au/products/sealers/natural-look-sealers/ultra-solv/>
- **Color Enhancement Sealer**
 - Sealing Tanzite can make the color brighter and more vibrant. The color will be similar to how the Tanzite looks when it is wet. We suggest Enrich'N'Seal™ from Aqua-Mix. <https://aquamix.com.au/products/sealers/enhancing-sealers/enrichnseal/>
- **Regular Cleaning**
 - Simply wash down the Tanzite as needed. Use eco-friendly soap as needed. Also use a Pressure washer as needed. For regular cleaning we suggest Spray & Forget Outdoor Cleaner. <https://www.sprayandforget.com/product/sfhdspry/>
- **Cleaning Grease stains**
 - Wash the Grease stain using concentrated solution of dish detergent, we suggest Dawn Platinum. If the stain persists then use an engine oil degreaser, we suggest Purple Power Industrial Strength Cleaner/Degreaser. <https://www.clean-rite.com/industrial>
- **Cleaning Paint splatter**
 - Use a paint splatter remover to clean off the paint. If the paint has dried then use a graffiti remover, we suggest Goof Off Graffiti Remover. <https://gooffproducts.com/graffiti-remover-non-nmp/>
- **Chip Repair**
 - If you get a small chip in the stone it can be colored to better visually hide the chip, We suggest using Sakura Pen-Touch paint marker. <https://www.sakuraofamerica.com/product/pen-touch/>
- **Cleaning Rust stains**
 - Rust stains can be cleaned using a non-acid rust remover. We suggest using Evapo-Rust cleaner. <https://www.evapo-rust.com/evapo-rust-remover/>
- **Sanding Tanzite**
 - Edges and corners, especially after making a cut, can be sanded smooth using a diamond sanding pad. We suggest Rubi manual polishing pads. <https://www.rubi.com/us/manual-polishing-pads-f128>
- **Drilling Tanzite Stone**
 - Tanzite can be drilled with a regular drill (Do not use a hammer drill) and a diamond hole saw. Also “glass and tile” drill bits work well. We suggest Bosch Glass & Tile bits. <https://www.boschtools.com/us/en/boschtools-ocs/glass-and-tile-bits-39422-c/>
 - If you are drilling a number of holes we suggest using a drill press to be able to drill the holes quickly. The drill press allows you to put sufficient pressure on the bit without fatiguing. We suggest using a small portable drill press like the 10” Ryobi. <https://www.ryobitools.com/products/details/33287163342>

- Caution with dust as Tanzite dust can contain silica. Dust can be controlled, and the drill bit life extended, by using water. If dust can not be controlled, use appropriate respiratory protection.
- Cutting Tanzite Stone
 - Tanzite can be cut with a regular saw using a diamond blade. Using a continuous thin rim diamond blade will make a cleaner cut. We suggest using a glass tile diamond blade for the best result.
 - Making a fine or detailed cut, like around a gas pipe, is normally most easily done using a hand held grinder (angle grinder) with a diamond blade.
 - If making a lot of cuts we would suggest using a wet tile saw.
 - After making each cut round the edge using a diamond sanding pad.
 - Caution with dust as Tanzite dust can contain silica. Dust can be controlled, and the blade life extended, by using water. If dust can not be controlled, use appropriate respiratory protection.
- Joist Protection
 - Using a butyl tape on top of wood joists can provide protection and extend the life of the structure. We suggest Rot-Shield joist tape. <https://poly-wall.com/window-door-sheet-flashing/rot-shield-joist-tape/>



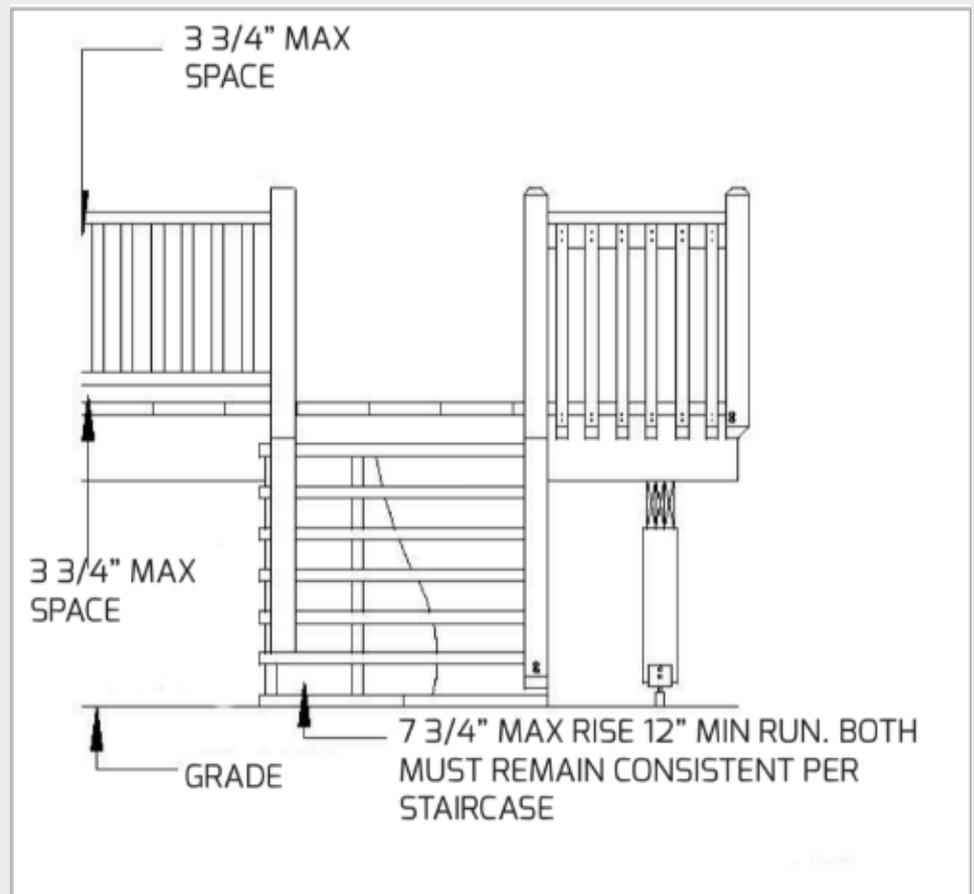
These instructions, guides and how-to's" are provided for informational purposes only information contained herein is intended to provide general guidelines to simplify your project. Because tools, products, materials, techniques, building codes, and other regulations are continually changing. Tanzite STONEDECKS assumes no responsibility for the accuracy of information contained herein and disclaims any liability for the omissions, errors, or the outcome of any project. It is the responsibility of the installer or user to ensure compliance with all applicable laws, rules, codes and regulations for their project. The installer or user must always take proper safety precautions and exercise caution when taking on any project. If there is any question of doubt in regards to any element of a project, please consult a licensed professional.

Railing:



1. Determine the location of each railing post and mark the hole locations on the stone.
2. Pre-drill each hole using a diamond hole saw, or tile drill bit. Do not use a masonry bit.

Then complete the railing as per manufacturer's specifications. Caution if cutting metal railing on the decking as hot metal sparks can melt and adhere to the surface which can discolor the surface.



- **Cleaning can be done with soap and water, you can even use a pressure washer! You can also use an eco-friendly Ice melter for ice, degreaser for grease stains, and any cleaner meant for natural stone..**
- **Avoid using harsh chemicals or acids.**
- **We recommend checking the structure, and the Tanzite stone yearly to ensure they are all fastened and secure. Follow manufacturer recommendations for your deck structure and railing.**



EXCLUSIONS FROM WARRANTY COVERAGE AND LIMITING OF LIABILITY:

Product Installation:

The Product must be installed in accordance with industry standards and the Manufacturer's written specifications for installations including but not limited to industry standards, such as, but not limited to waterproofing, crack isolation, substrate requirements, movement and expansion joints. This also includes requirements such as checking before installation that the Product has no defects, the Product is fit for purpose, checking for sufficient quantities of the Product of the same batch are supplied, proper blending of the variation of colors of the Product supplied, and compliance with the Manufacturer's written specifications and industry standards for installation, maintenance and repair. If a defect is identified in the Product before installation, the Product shall not be installed, as installation of Product with defect identified before installation or visual defects or nonconformities apparent prior to installation voids this warranty. Once the Product has been installed, the Manufacturer is not liable for color matching or blending or for the replacement of tiles with obvious visual faults. Water, ice, oil, grease, and other substances create slippery conditions, and the Manufacturer is not responsible for and makes no express or implied warranty respecting the suitability or fitness for any purposes including but not limited to floor applications in or with slippery conditions. Damage during or after installation and installation defects are not covered by this warranty, and this warranty does not apply when deterioration results from the Product not being suitable for the intended use, a design or installation not complying with applicable codes, standards and recognized work procedures, or if the installation the Manufacturer's written specifications have not been followed. Damage or cracking due to structural movement, collapse or settling of the ground or supporting structure, excessive deflection or other failure in the substrate, normal wear and tear, damage or defects caused by incorrect installation, lack of proper maintenance, accidents, abuse or misuse are excluded from coverage under this warranty. Defective installation such as but not limited to any substrate repair material or any accessory products such as third part fasteners; weak concrete and masonry substrates, substrate or sub-floor irregularities; substrate or subfloor deterioration; natural color variations; freight, material and labor costs.

Lippage:

Lippage refers to differences in elevation between edges of adjacent tile modules. The perception of height variances is influenced by a number of factors, including allowable warpage of the tile modules, warpage of the deck structure, the angle of light creating shadows and highly reflective surfaces accentuating otherwise acceptable variance in modules. After installation when lippage is present it should be corrected by the installer. To eliminate or address lippage, the proper preparation of the base and installation of the Product is required by skilled professionals. Lippage is an installation defect and not covered by this warranty.

EXCLUSIONS FROM WARRANTY COVERAGE AND LIMITING OF LIABILITY:

Variations:

Variation in veining, fissures, pits, texture, color and shade are inherent characteristics of all tiles of this nature, and will vary from tile to tile as well as from lot to lot. The Manufacturer does not warrant the Product for shade, size, thickness, warping, cleft variations, surface finish variations, or other natural variances on the Product. An inherent characteristic of all tiles manufactured as the within Products are, is that they will bow, wedge and warp to a certain degree and may slightly vary in size from batch to batch. These variations in size and color are due to changes in moisture and thermal loads which can alter the tiles during production. Batches of tile are identified and separated into lots by specific shade and caliber. Product samples are representative only and may not be an exact match to supplied materials due to variations in manufacturing and the natural raw materials making the Product. Photographic color images may not be an exact product match to the supplied Product as the supplied Product may have slight differences in color, shade, and/or surface appearance. The Manufacturer's website, marketing literature and promotional materials may not represent the true nature of the Product.

Maintenance and Cleaning:

The Product must be properly maintained and cleaned in accordance with the Manufacturer's Tanzite Owner's Manual, and Manufacturer's written specifications and industry standards. Failure to regularly and properly clean and maintain the Product will void this warranty. The Product contains abrasives creating a rough surface, and cleaning challenges because dirt and other contaminants lodge in the surface. Extra attention is necessary to assure contaminants are removed promptly. For clarity the Product should not be in contact with any toxic substances, acids, bases, or other substances that will damage its surfaces.

Normal Wear and Tear:

This warranty does not cover normal wear and tear and any other problems that are caused by conditions, malfunctions, or damage not resulting from defects at the time of purchase in the manufacturing of the Products in accordance with ANSI A137-1-2017 standards.

Impacts and Abrasions:

The warranty does not apply to normal wear and tear, spalling or other breakage or damage that may be caused by impact, abrasion or inappropriate or inadequate live loads. Never allow hard, sharp-edged, or heavy, objects to fall or otherwise causing an inappropriate load on the Product as any resulting such damage, or cracking, to the surface of the Product is not covered by this warranty.

EXCLUSIONS FROM WARRANTY COVERAGE AND LIMITING OF LIABILITY:

Misuse of the Product:

The misuse including but not limited to accidents, negligence, physical or chemical abuse or other damage to the Products that may result from deliberate act or negligence on the part of the customer, buyer, owner of the property where the Product is installed, installer or any third party is not covered by this warranty. The improper handling, storage, abuse or neglect of Product on the part of the customer, buyer, owner of the property where the Product is installed, installer or any third party is not covered by this warranty.

Acts of God, Ordinary Wear and Tear, Intentional or Negligent Acts:

This warranty does not apply to any damage resulting from or related to an act of God [including but not limited to flooding, tornado, strong winds, storms, fire, lightning, earthquake etc.]; environmental conditions and atmospheric conditions [air borne pollutants and contaminants]; staining from foreign substances [acids, bases]; normal weathering including but not limited to exposure to sunlight, wind, rain, weather, environmental conditions and atmospheric conditions; fire; vandalism; ordinary wear and tear; improper handling, storage, abuse or neglect of the Product or other damage to the Products that may result from deliberate act or negligence on the part of the customer, buyer, owner of the property where the Product is installed, installer or any third party.

Applicable Building Codes:

Applicable building codes and laws may dictate minimum the Product performance specifications, and the Manufacturer does not warrant the Product where the use or installation of the Product violates applicable building codes and laws.

Limiting of Liability:

At the time of manufacturing, the Product achieves the necessary values for the ANSI A137.1-2017 standards. Tests are performed on random samples of the Product by an independent testing laboratory and are believed to be representative of the general quality of the Product. To the fullest extent permitted under the law, under no circumstances will the Manufacturer be liable for incidental or consequential damages, whether such damages are sought in contract, in tort (including but not limited to negligence and strict liability) or otherwise, and the Product liability for non-personal injury claims with respect to products shall in no event exceed the replacement of such defective products or refund as set forth herein. Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from State to State or Province to Province.

MAKING A WARRANTY CLAIM AND LIMITS ON LIABILITY:

To make a claim under this limited warranty, you must notify the Manufacturer in writing within fifteen (15) days of the discovery of the alleged manufacturing defect to the following address:

Email to:

Warranty@StoneDecks.com

As a condition of this warranty the following must be provided with to the Manufacturer with written notice of a claim, failing which this warranty is voided and the Manufacturer released from any and all liability for the defect or the claim:

1. Provide satisfactory evidence of defects in the tiles purchased, including but not limited to, a description and photographs of the affected area of the Product,
2. Proof of purchase or assignment from the original end-user purchaser;
3. Proof of identity showing current address,

As a condition of this warranty proof of use, installation and maintenance and care pursuant to the Manufacturer's Tanzite Owner's Manual, and Manufacturer's written specifications and industry standards must be provided to the Manufacturer upon its request, failing which this warranty is voided and the Manufacturer released from any and all liability for the defect or the claim. If a claim relating to the a manufacturing defect and the improper staining of the Product, in addition to the foregoing, the following must be complied with prior to providing a written notice of a claim to the Manufacturer, failing which this warranty is voided and the Manufacturer released from any and all liability for the defect or the claim:

- i. the affected area of the Product must be cleaned in accordance with the Manufacturer's written specifications.
- ii If the affected area remains reasonably unsatisfactory after the affected area of the Product has been cleaned as set forth above, then the affected area of the Product must be professionally cleaned at the sole expense of the party making the claim or contemplating a claim.
- iii. If the affected area remains reasonably unsatisfactory after the professional cleaning, a claim may be made under this warranty.

If a valid warranty is made, recovery the Manufacturer at its complete discretion by any of the following:

1. Replacement of a portion of defective Product with same or equivalent product [with the cost for freight, labor, materials and costs for installation, maintenance or replacement not being covered by this warranty] as calculated below;
2. Repair or re-polish of the defective Product;
3. Refund a prorated portion of the original purchase price paid by for such defective Product [but not including the cost for freight, labor, materials and costs for installation, maintenance or replacement of the Product] as calculated below;
4. Combination of the above,

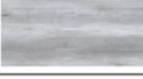
provided that the Manufacturer's obligations are limited only to Product or parts of the Product that are proven to be defective pursuant to the terms of this warranty and the Manufacturer.

If a valid warranty claim hereunder is made, the percentage of such valid claim which the Manufacturer is required in its complete discretion to refund or replace pursuant to this warranty shall commencing eleventh (11) year after the original date of purchase of the Product be reduced by five (5%) percent each year thereafter, reducing 5% each and every year thereafter until ten [10%] percent of such valid claim remains, at which time there shall be no further reduction to the percentage of the valid claims which the Manufacturer is required in its complete discretion to refund or replace pursuant to this warranty. For clarity in no event shall the Manufacturer be required to refund any more than the prorated portion of the original purchase price or replace more than the prorated portion of defective Product as calculated herein. In the event that the sole and exclusive remedy described above fails of its essential purpose, the liability of the Manufacturer is limited to the monetary value, on a square-foot (square-meter) basis, of the original purchase price of the Product or portion of the Product required to be replaced pursuant to the terms of this warranty. To the fullest extent permitted under the law, this warranty shall not cover and the Manufacturer shall not be responsible for costs and expenses, including but not limited to labor, costs and freight, incurred with respect to the installation, maintenance or removal of the Product or affected Product or the installation of replacement materials. The Manufacturer will not pay for replacement of any portion of the installation that is not proven to be defective. To the fullest extent permitted under the law, the costs and expenses incurred with respect to the removal and installation of the defective Product or the installation of replacement materials, including but not limited to freight, labor and materials costs are excluded from this warranty. Should the Product used in the original installation no longer be readily available, the Manufacturer reserves the right to determine a suitable substitute at its option but will only provide a replacement product for the defective Product and not the entire installation. The Manufacturer reserves the right to inspect any and all defects prior to any repair, remediation or settlement of such defect. In the event that the Manufacturer within its sole discretion elects to or is otherwise required to participate in the repair, remediation or settlement of any defect, the Manufacturer must be included in all discussions and decisions related to such repair, remediation and/or settlement. In the event that the Manufacturer is not provided notice on a timely basis, or the Manufacturer is not allowed the right of inspection, discussion or decision making in advance of repair, re mediation or settlement of any defect, this warranty is voided and the Manufacturer released from any and all liability for the defect or the claim.

General Terms:

No amendment or variation of the terms, conditions warranties, covenants, agreements and undertakings set forth herein shall be of any force or effect unless the Manufacturer same shall be reduced to writing duly executed by the Manufacturer and the party purchasing the Product from the Manufacturer. Any provision in this warranty which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof or affecting the validity or enforceability of such provision in any other jurisdiction. The division of this warranty into Articles, Sections, Subsections, Schedules and other subdivisions, the inclusion of headings and the provision of a table of contents are for convenience of reference only and shall not affect the construction or interpretation of this warranty. The headings in the warranty are not intended to be full or precise descriptions of the text to which they refer.

Appalachian Collection

Color	Profile	Dimensions (mm)	Weight (lbs)
 American Walnut	 Edge	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 American Walnut	 Grooved	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Driftwood	 Edge	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Driftwood	 Grooved	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Silver Maple	 Edge	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Silver Maple	 Grooved	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Aged Teak	 Edge	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 Aged Teak	 Grooved	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 White Ash	 Edge	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18
 White Ash	 Grooved	(6") x (48") x (1") * 144mm x 1219mm x 26mm	18

Fascia

 American Walnut	 Fascia	(8") x (48") x (3/4") * 205mm x 1219mm x 19mm	18
 Driftwood	 Fascia	(8") x (48") x (3/4") * 205mm x 1219mm x 19mm	18
 Silver Maple	 Fascia	(8") x (48") x (3/4") * 205mm x 1219mm x 19mm	18
 Aged Teak	 Fascia	(8") x (48") x (3/4") * 205mm x 1219mm x 19mm	18
 White Ash	 Fascia	(8") x (48") x (3/4") * 205mm x 1219mm x 19mm	18

Tanzite Accessories

Starter clip and fastener	25		25 linear feet per pack
Edge clip and fastener	25		25 linear feet per pack
Grooved clip and fastener	90		100 sqft per pack
Single fascia clip and fastener	25		25 linear feet per pack
Double fascia clip and fastener	25		25 linear feet per pack
High Rise Fascia Clip	25		25 linear feet per pack