

STEP INTO A WORLD BEYOND WOOD

ACRE™ Decking Installation Guide

ACRE™ BY MODERN·MILL

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A new alternative to wood is finally here. ACRE is a sustainable, durable alternative with the look and feel of real wood. ACRE is a brand-new material that's lightweight, strong and water-resistant, guaranteed not to rot, crack or splinter. ACRE is easy to cut and accepts paint or stain.

Best of all, ACRE is made without harming a single tree, in a zero-waste environment in Fernwood, Mississippi.

GET READY TO STEP INTO A WORLD BEYOND WOOD.



ACRE decking should be installed in accordance with local building codes, building and safety best practices and installation guidelines. Modern Mill, Inc. accepts no liability or responsibility for improper installation of this product. ACRE decking is not suitable for every application and it is the sole responsibility of the installer to be sure that ACRE decking is fit for purpose and for the intended use. All installations are unique. It is the installer's responsibility to determine the specific requirements for each application. Modern Mill recommends that all installations of ACRE decking are reviewed by a licensed architect, engineer or local building official before installation and inspected after for safety. For more technical assistance, the most up-to-date guidance and decking inspiration visit www.hdgbuildingmaterials.com. You can also call us at 503-360-9551 or email us for technical help at sales@hdgbuildingmaterials.com.

Getting Started

When working on any new construction, renovation or repair project, always wear protective clothing and safety equipment. Safety glasses, gloves, a dust mask and long sleeves are recommended especially when cutting or sawing. Fasteners have sharp edges. Use proper care when handling. Safety Data Sheets can be downloaded from www.hdgbuildingmat.com.

THE TOOLS YOU'LL NEED

Readily available tools can be used for installing ACRE decking. The following tools are recommended. Use extreme caution and be sure to use all tools per applicable manufactures' instructions.



#8 or #10 screws for surface finishing or hidden fastener system



Tape Measure



Cordless driver and drill set



Miter Saw



Carpenter Square



Jig Saw



Chalk Line



Safety Glasses



Spacing Tools



Pencil

For best results use a fine-toothed finish blade. Jigsaw can be used to cut around posts and other obstructions depending on the design of your project.



Important Information

NATURAL APPEARANCE

ACRE decking is designed to look and feel indistinguishable from wood. ACRE's natural fibers and unique sanding pattern may present slight differences in color and grain. This is a feature and does not affect the product's performance.

PLANNING AHEAD

Engage with a licensed architect, builder or engineer to ensure local building codes and safety practices are understood and followed. Careful planning can also create a more favorable installation experience and pleasing design.

STAINING OR PAINTING ACRE

We recommend an exterior grade water soluble paint or stain as a protective coating for easier cleaning and to resist fading. Chose any water-based paint, stain, or sealer. Make sure the coating has a Light Reflective Value (LRV) above 55% or see our website for approved coatings for darker colors.

AIRFLOW AND DRAINAGE

Be sure there is adequate and unobstructed airflow under 50% of the deck perimeter to allow for cross-ventilation. This aids in avoiding heat buildup and promotes dryness. Add drainage and grade flat areas so that water can easily flow away. There should be a minimum of 1.5 inches from the bottom of the joists to the ground.

For sleeper installs use a minimum joist height of 1.5 inches. (38.1 mm), installed level, in the direction of water runoff and directly to a solid substructure. Be sure to create adequate cross-ventilation for the deck by widening side-to-side spacing between boards to 1/4 in. (6.4 mm) with a maximum of 3/8 in. (9.5 mm) gap. The deck design must allow for a minimum of 1.5 inches. (38.1 mm) of unrestricted air flow under the deck at the open joist ends for cross-ventilation and drainage.

Underdeck storage spaces or roof deck installations can restrict airflow and result in a buildup of heat or humidity. Be sure to follow instructions for airflow and drainage requirements. Modern Mill always recommends consultation with a licenced architect, engineer or local building official before installation.

FIRE PITS OR HEAT SOURCES

Do not install fire pits or heat sources on top of ACRE decking. Always protect ACRE decking products from heat. Wood-burning or gas fire pits can damage the decking due to extreme heat and/or loose burning embers.

DECORATIVE OBJECTS

Rubber or vinyl products such as welcome mats, planters, or outdoor decoration may cause discoloration especially with prolonged use.

WALKING SURFACE

ACRE deck boards can be installed sanded side or embossed side up based on customer preference.

STORAGE

Store ACRE decking horizontally, fully supported on a flat surface. Do not store directly on the ground. Do not place ACRE decking directly on a surface that can develop excessive heat. Store in a cool, dry place to avoid extreme heat. Keep ACRE decking covered until ready to be installed. If kept outside, we recommend storing with undamaged pallet covers to keep it clean and protected. Do not stack pallets or decking bundles over three units high. Leave factory applied protective wrap until ready for use.



MOVING MATERIALS

Use care when handling products with a forklift as forks can damage the material.

ACCLIMATION

During installation, keep ACRE decking at a consistent temperature. Acclimate ACRE decking to the temperature it will be installed at for at least one hour, two is best, before processing.

CONSTRUCTION SPACE

During construction, keep the deck's surface clear from excessive sand, dirt, or dust from masonry, landscaping or other products involved in the construction process. Do not use ACRE decking as a work surface. Do not cut, stain, paint or glue on or near ACRE decking. Do not cut or drill metal as metal shavings may be hot and embed into ACRE deck boards.

USE OF LADDERS

When using a ladder, we recommend laying down a sheet of plywood over the deck surface to disperse the load of the ladder's feet to nearby underlying joists. Secure the plywood sheets to keep them from slipping in a way that will avoid leaving holes in your decking once the plywood sheet is removed. Always follow ladder manufacturer's instructions and safety tips.

STATIC ELECTRICITY

The buildup or generation of static electricity is a natural phenomenon that can occur with composite decking under certain environmental conditions. If excessive static buildup exists, ACL Staticide® can help. See link for more information: www.aclstaticide.com/antistatic_coatings.html.

CANTILEVERING

For best results, do not cantilever over ½".

NAILING

Do not nail ACRE deck boards. See section, "Fastening Recommendations".

WARRANTY

Modern Mill offers a Limited Lifetime Warranty.

ACRE Decking

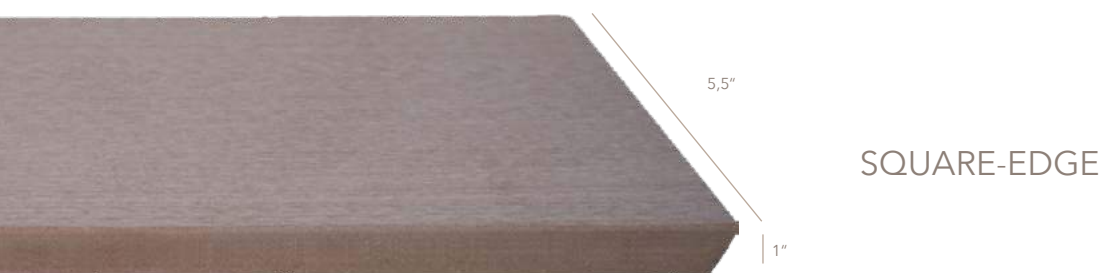
ACRE decking is a gorgeous and functional alternative to traditional wood decking – it's good for the environment and is low maintenance.

ACRE decking cannot be used for structural applications. When building your deck and railing, it is imperative to use code-approved structural material for framing and joists.

Check your local building codes or work with a licensed architect or engineer to understand design limitations or safety concerns.



Available Profiles



PROFILE	ACTUAL SIZE	COLOR
1" Square-Edge Board, Embossed	15/16" x 5.5" x 8'	Natural, raw. Ready to be painted, stained or installed natural, as is.
	15/16" x 5.5" x 10'	
	15/16" x 5.5" x 12'	
	15/16" x 5.5" x 16	
	15/16" x 5.5" x 20'	
1" Grooved-Edge Board, Embossed	15/16" x 5.5" x 8'	Natural, raw. Ready to be painted, stained or installed natural, as is.
	15/16" x 5.5" x 10'	
	15/16" x 5.5" x 12	
	15/16" x 5.5" x 16	
	15/16" x 5.5" x 20'	

Installation Preparation

JOIST LOCATION

Prior to installation. Be sure that all joists are level and structurally sound. Ensure that there are no nails or screws protruding.

Proper joist spacing is required for installation. Joist spacing can be determined by project specification. Modern Mill recommends 12" on center for the most rigid feel. 12" on center must be used for any commercial application. Do not exceed 12" joist spacing for any diagonal (up to 45 degree) decking pattern.

The joists must be spaced on center. Be sure that joists are level and plumb. Each ACRE board must span at least three joists. To accomodate heavy items such as hot tubs, planters, etc., consult a local building engineer or inspector for span recommendations.

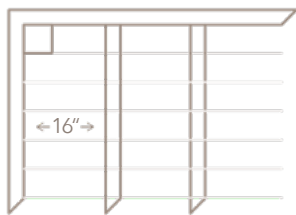
As joists are installed run string line to ensure that the tops of the joists are in plane, as ACRE decking will conform to the contour of the joists to which it is attached. It may be necessary to shim or plane joists, due to size variations in lumber. Be sure to sort and exclude any extremely crowned joists or lumber material.

Install solid wood blocking between each joist, placed in rows at maximum every 4' to 6' within the structure using exterior grade screws.

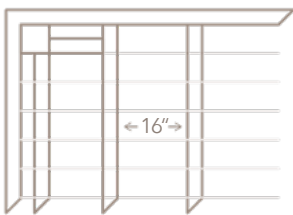
Joists used in construction should be treated 2 inches x 8 inches or larger.

STAIR JOISTS

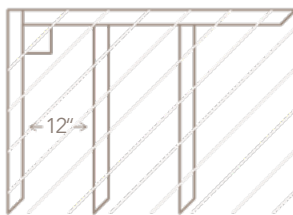
Reference local building codes when constructing stairs. When using ACRE decking on stairs, use a maximum 10" on center layout for all stair stringers. Install using #8 x 2 1/2 stainless steel screws fastened perpendicular at 90 degrees. Stair stringers should be constructed with treated lumber.



16" basic installation substructure
16" on center maximum joists. (12" on center for commercial applications)



Picture frame installation substructure
16" on center maximum joists plus additional support for picture frame structure. (12" on center for commercial applications)



Diagonal installation substructure
12" on center maximum joists
More severe angles may require closer joist spacing.

Expansion and Contraction

All decking materials undergo a degree of linear expansion with changes in weather or seasons. Expansion and contraction is most significant where extreme temperature change may exist.

Store, cut and install decking out of direct sunlight. Fasten the deck boards as soon after cutting as possible to minimize expansion and contraction. Whenever possible, use shorter lengths as splitter / divider boards in continuous runs of boards.

If attaching during high heat, larger gapping can be expected. For best results, please see the chart on the next page for temperature consideration during attachment.

Securely fasten board ends, splices and abutments directly into framing using two screws. Position the screws at or within 1/2" of each board end or joint and 3/4" from the side of the deck board.

Provide a 1/8" to 1/4" side to side gap between deck boards. Allow a minimum of 1/4" (6.4mm) spacing between boards and any permanent structure.

Framing/sub-structure must be securely attached to ground footings or building structure. No floating substructures should be used in any application with ACRE Deck, including on grade, concrete, or in roof top applications.

For best results, stagger seams across the deck surface so that all seams do not break on the same joist or beam.



To further minimize expansion and contraction, proper ventilation and air flow should be considered. In areas with obstructed airflow such as roofs and on-grade applications, a minimum of 1-1/2" sleeper system supported by and connected to the substructure over which the deck is built is required.

Some area building codes may require double joisting when joining boards end to end. Double joist and/or secure double blocking is recommended at butt joints. Always check with your local code authority for specific requirements before installation.

Take Note: When choosing finishing colors, recognize that darker colors may experience larger temperature swings that could impact expansion and / or contraction.

Take Note: In areas where extreme temperatures swings are prevalent, adding 2x blocking at butt joints is recommended. When using hidden fasteners, add two surface fasteners into the deck at the joist location closest to the midpoint of each deck board to "pin" the board in place and make thermal expansion and contraction go equally in both directions.

For end-to-end joints (butt joints) use the following guidelines for installing at various temperatures:

35 Degrees (F) and under	1/16 inch / 1.6 mm
36-89 Degrees (F)	1/32 inch / 0.8 mm
90 Degrees (F) and above	0 inches / 0 mm

RECOMMENDED FASTENING SYSTEMS

Modern Mill's limited lifetime guarantee will not cover decking installations where damage is attributed to the use of non-recommended fasteners. Fasteners have sharp edges. Use proper care when handling fasteners and tools.

DECKING SCREWS

Use #8 or #10 Exterior grade coated or stainless steel deck screws, 2 1/2" or longer for surface fastening.

For Decking-Hidden Fasteners: Several fastening systems work with ACRE decking and we are regularly testing and adding more.



RECOMMENDED FASTENING SYSTEMS

CAMO Fasteners EdgeClip or EdgeXClip (for diagonal pattern installations). Visit the manufacturer’s website, www.camofasteners.com, or see the Appendix for technical and safety information ahead of installation.

Mantis Deck Clip System.

- Mantis 396 = Groove Height of 0.406" +/- 0.025"



- Groove Depth 0.400" - 0.500"

****Groove heights are measured from the bottom of the deck board**

FastenMaster TigerClaw TC-G Grooved Decking Hidden Fastener. Visit the manufacturer’s website, www.fastenmaster.com, or see the Appendix for technical and safety information ahead of installation.

TAKE NOTE

- Use stainless steel screws near water applications.
- Two screws per joist
- All recommended screws are designed to be installed flush with the decking surface
- Do not countersink screws

Installation Options

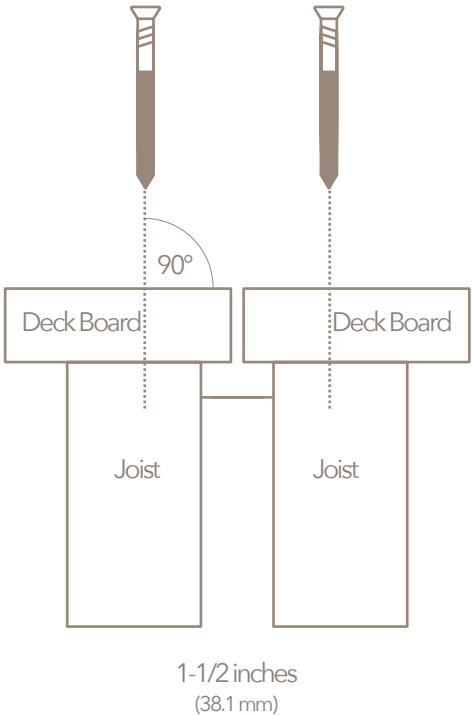
ACRE decking is available as square or grooved-edge profiles.

For square profiles surface fasten with a high-quality fastener that meets the following specifications:

- Stainless Steel
- Minimum Screw Size: #8
- Face screws to be a minimum length of 2 ½"
- Be sure that screws are driven to a minimum depth of 1 ½" into solid wood framing below the bottom of the ACRE deck board. This will ensure holding power and uplift resistance.
- Be sure to install two screws per joist on each deck board.
- For applications near water, we suggest using the above minimum fastener requirements in stainless steel.

SURFACE FASTENER INSTALLATION

Always drive-in surface fasteners at a 90° angle to the decking surface with two fasteners at every joist location. Do not angle screws into the joist. Instead, place additional joists to allow perpendicular installation of surface fasteners at board ends (Butt Joints). A staggered placement of Butt Joints on the deck can lead to a better aesthetic.



FOR BEST RESULTS

- Screw heads must be flush with the deck board surface
- Pre-drilling is not essential but may improve performance and look
- Use caution to avoid over-tightening fasteners
- Use white chalk, straight boards, or string lines as guides for installing fasteners in straight rows

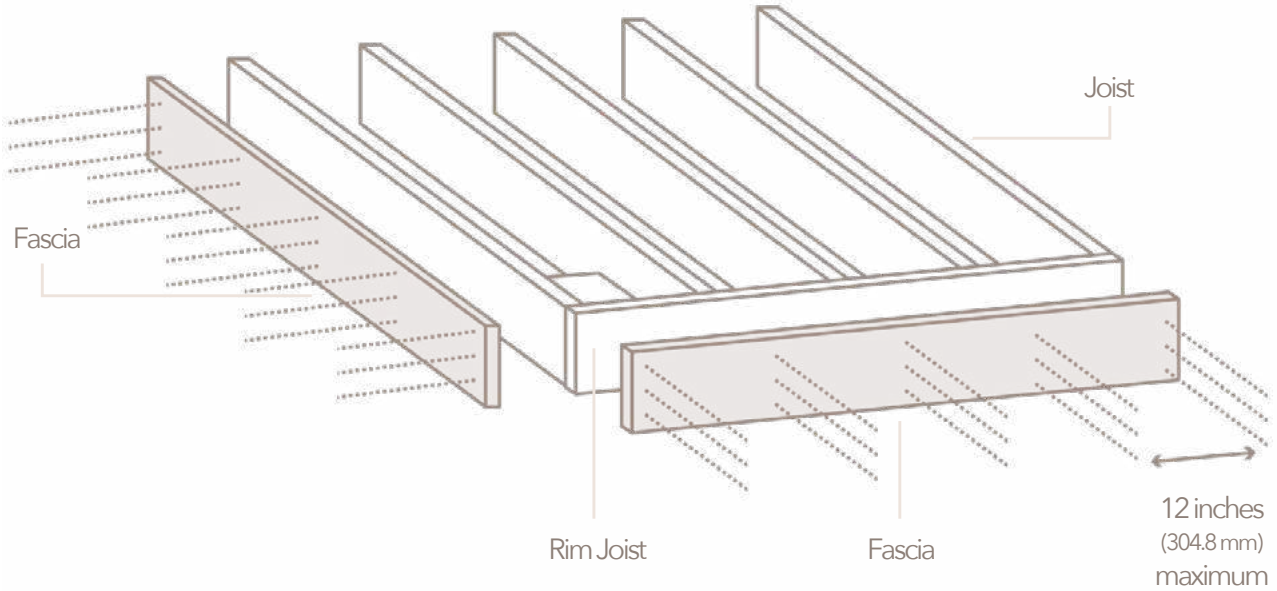
HIDDEN FASTENER INSTALLATION – GROOVED EDGE DECKING

For hidden fastener installation use ACRE Grooved Edge decking profile with **CAMO EDGECLIP** or **EDGEXCLIP** (for diagonal pattern installations) Fasteners. See CAMO’s website for more ordering and tutorials, or see Appendix for installation guidelines.

www.camofasteners.com/products/clips/edge-clips

FASCIA INSTALLATION

ACRE Fascia is a non-structural covering for rim joists, risers, and stringers. Install screws at a maximum 12 inch (304.8 mm) apart, having at least three screws across the face at each interval. Fasteners utilized should be long enough to penetrate the solid substrate a minimum of 1 ½". We recommend using stainless steel screws or exterior ring shank nails. Fascia should always be installed UNDER decking edges / ends.



Staining

INSTALLER TIP!

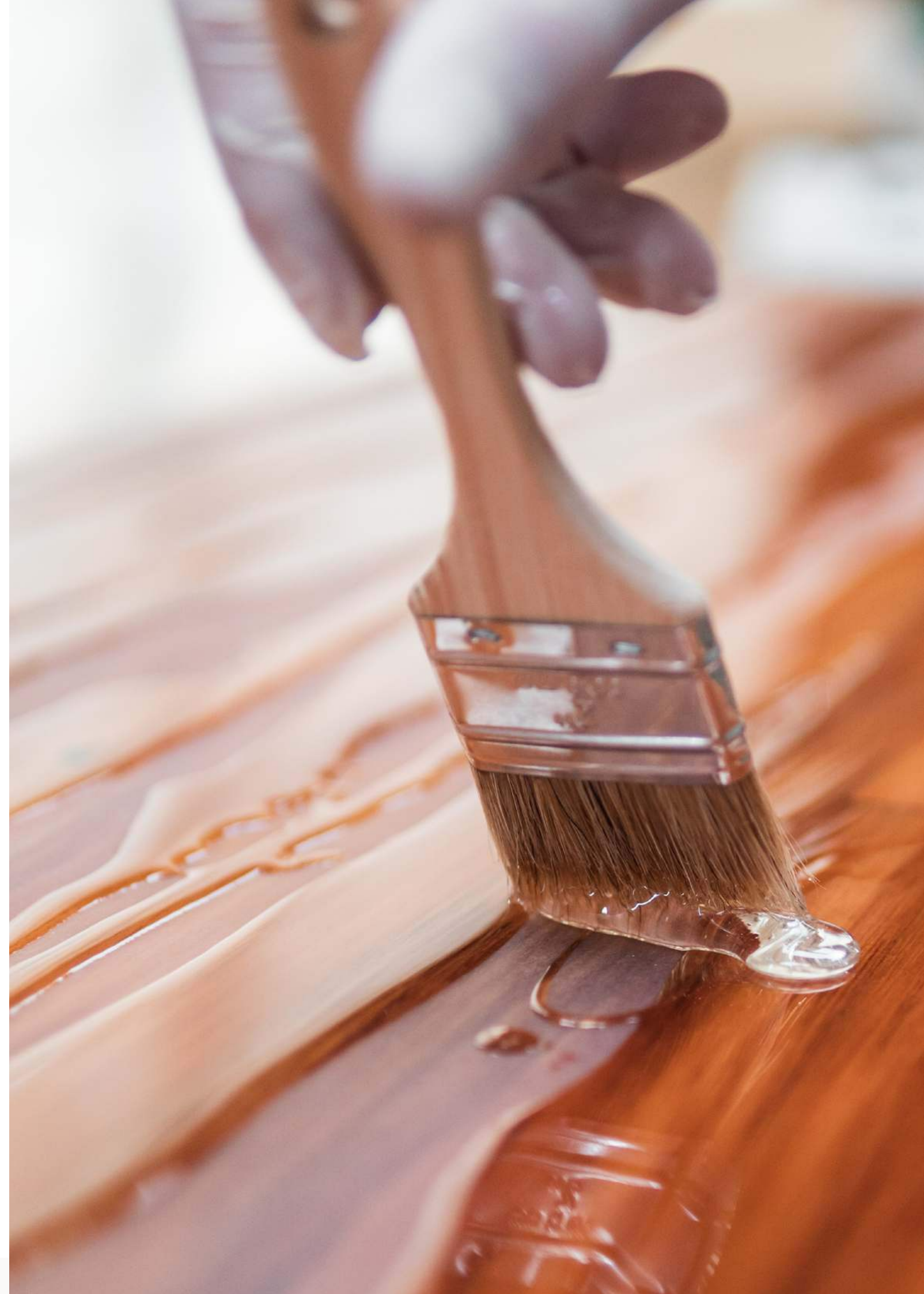
ACRE's texture and composition allow for a strong surface bond with stains and finishes. ACRE does not rely on deep penetration for this reliable bond, so you will get greater coverage with less finish.

FOR BEST RESULTS WITH STAIN:

- Work in manageable sections.
- Drip a modest amount of stain along the length of your working area.
- Use a multi-use paint/stain pad to spread stain evenly across the board.
- Be sure to finish spreading along the board with the grain direction for a smooth even look.
- Work quickly and make sure not to let stain pool or sit for long, to avoid streaking.
- Follow manufacturer instructions for second coat if required, or a deeper shade is desired.
- Chose any water-based paint, stain, or sealer. Make sure the coating has a Light Reflective Value (LRV) above 55% or see our website for approved coatings for darker colors.

REMEMBER: LESS IS MORE.

Always test your finish and method on a sample piece to achieve desired look and gain experience working in this method.



Cleaning and Care

- For easier care and cleaning, we recommend coating your ACRE deck with an exterior grade water soluble paint or stain and protective coating.
- Avoid the use of rubber-backed mats, tarps, or landscape items.
- Be mindful of products which contain chemicals may alter the appearance of ACRE decking.
- To clean ACRE products use a gentle all-purpose cleaner such as Simple® Green with a natural all fiber brush.
- Follow manufacturer instructions on all cleaning products. Test first on an inconspicuous area of the deck to ensure the surface remains undisturbed.
- Do not use traditional composite deck cleaners. ACRE decks are made from natural fibers and PVC / polymers. Use gentle cleaning products as recommended.
- As with any walking surface take caution in icy or wet weather conditions.
- For ice removal, most products containing calcium chloride can be used without damage to the deck / porch surface. These products may leave a white residue which can be cleaned using the cleaning guidelines above.
- Metal shovels or plastic shovels with a metal edge may damage the surface of your ACRE deck and are not recommended for clearing snow or ice from the porch surface.
- To remove rust stains, use household cleaners such as Krud Kutter “the must for rust”.



Appendix



INSTALL DECKING IN HALF THE TIME

INSTALLATION GUIDE & WARRANTY INFORMATION

EDGECLIP™

EDGE^XCLIP™
FOR ANY ANGLED INSTALL



Note: Before beginning installation, please visit camofasteners.com/installation for best practices.

REV. 8/19/19

EDGECLIP™

FOR USE WITH COMMON 90° DECKING PATTERN

Fastening the first board and last board: Secure the first board along the house or at the outside of the deck. By face fastening with the appropriate screw for the deck material at each joist.



1. On the outside edge of your installed starter board, simply place EDGECLIP™ onto the joist allowing the "legs" of the clip to snugly grasp the joist and hold the clip in place.



At the same time, slide the metal gusset into to the groove of the deck board.
NO NEED TO PRE-SET SCREW INTO JOIST.
The clip will now stand firmly in place.



2. Place EDGECLIP™ at every joist along the length of the board.



3. You are now ready to slide your next board up against the EDGECLIPS between the two boards.



4. Holding the new board tightly in place, screw down all of the clips between the boards. Use the yellow **Never-Miss™ Guide** (shown here) included, to perfectly engage the driver bit with the screw head for fastest installation.



5. Follow the same process for each deck board.

EDGEXCLIP™

FOR USE WITH ANY ANGLED DECKING PATTERN

Fastening the first board and last board: Secure the first board along the house or at the outside of the deck. By face fastening with the appropriate screw for the deck material at each joist.



1. On the outside edge of your installed starter board, simply pinch the "wings" of EDGEXCLIP™ together and slide the clip into the groove.



The "wings" of the clip will expand, holding the clip in place.
NO NEED TO PRE-SET SCREW INTO JOIST.



2. Place EDGEXCLIP™ at every joist along the length of the board.



3. You are now ready to slide your next board up against EDGEXCLIPS between the two boards.



4. Holding the new board tightly in place, screw down all of clips between the board. Use the yellow **Never-Miss™ Guide** (shown here) included, to perfectly engage the driver bit with the screw head for fastest installation.



5. Follow the same process for each deck board.

INSTALLING EDGECLIP™ OR EDGEXCLIP™ AT BUTT JOINTS



Always install a double joist at the butt joints. Use a separate clip to secure each board end.



You will need 4 clips for each butt joint. Simply remove the snap-off legs off EDGECLIP™ or the wings off EDGEXCLIP™ so that the clips can sit side-by-side on the double joists.



Please follow your deck board manufacturer's instructions for end to end board gapping distance to allow for expansion and contraction at this joint.

Once boards are positioned correctly, place the clips in the board groove, centered on joists on both sides of the boards and partially fasten the screws to hold the clips in place until next parallel board is in place and then fully tighten screws securing the clips.

HOW MANY CLIPS DO YOU NEED?

JOIST SPACING (ON CENTER)	NUMBER OF CLIPS NEEDED		
	50 SQ. FT.	100 SQ. FT.	200 SQ. FT.
12 in.	117	233	466
16 in.	90	180	360
24 in.	59	117	234

REMOVING AND REPLACING A DECK BOARD - FOR EITHER CLIP



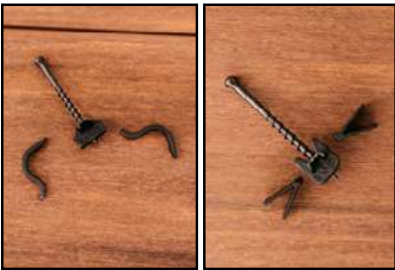
1. EDGECLIP™ and EDGEXCLIP™ make removing or replacing a board easy. Start by backing all of the screws out of the joist that are holding the board.



2. Pull up on the board and it will come easily out of position.



3. Clean away any clips remaining on the joists and lay the new deck board in position **without** any clips in place.



4. Count the number of clips needed and snap-off both legs or wings on each clip.



5. Take the clip (screws and gussets) and from the board end, slide down the groove and positioning a clip over each joist.

6. Repeat for all joists and fasten clips securely in place using the Never-Miss™ Guide.

WARRANTY

CAMO® CLIPS (UNIVERSAL HIDDEN FASTENERS), CAMO® EDGECLIP™ AND CAMO® EDGEXCLIP™ LIMITED WARRANTY

What This Limited Warranty Covers; Period of Coverage. NNC warrants to the first retail purchaser that CAMO® Clips, EdgeClip™ or EdgeXClip™ (the “Product”) will be (1) free from defects in material and workmanship for the life of the Product, and (2) is guaranteed against rust and corrosion for the life of the project in which the Product is first used. NNC will replace any defective Product at no charge, including shipping cost of replacement Product, subject to the limitations or exclusions contained in this Limited Warranty.

Additionally, if CAMO® Clips, EdgeClip™ or EdgeXClip™, installed in accordance with applicable building codes, laws, rules and regulations, and CAMO® and deck board manufacturers’ installation instructions, and accepted building practices, cause the deck board product to fail, NNC will replace the damaged deck board product at no charge. This does not replace any deck board manufacturers’ warranties, does not apply in cases where defects or damage are not solely and exclusively attributable to the Product, and is subject to the limitations described below. This Limited Warranty does not apply where damage to the deck board product is attributable, in whole or in part, to improper installation of either the deck board product itself or the CAMO® Clips, EdgeClip™ and EdgeXClip™. This is your sole and exclusive remedy for any product defect. NNC assumes no liability for confirming that any product is appropriate for a particular purpose, and each intended use of a product must be reviewed and approved by qualified professionals. This warranty is not transferable.

To review the complete CAMO® Clips (Universal Hidden Fasteners), CAMO® EDGECLIP™ and CAMO® EDGEXCLIP™ Limited Warranty, please visit camofasteners.com/warranty-clips.

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OR CONTACT US AT:
[INFO@CAMOFASTENERS.COM](mailto:info@camofasteners.com)



[NATIONALNAIL.COM](https://nationalnail.com)

GETTING STARTED / INSTALLATION TIPS

IMPORTANT! Read all instructions carefully and completely to ensure proper installation.

WARNING! Parts have sharp points & edges. Use extreme caution when handling & installing. Wear safety glasses at all times.

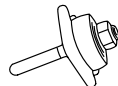
Tools & Materials Needed



Safety Glasses



Power screw gun with ratcheting torque setting



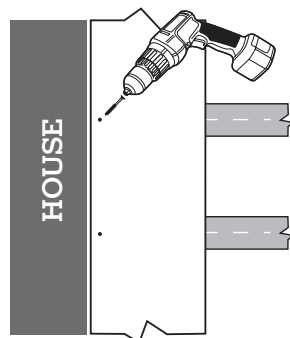
Tiger Claw Slot Cutter



Router

Step 1

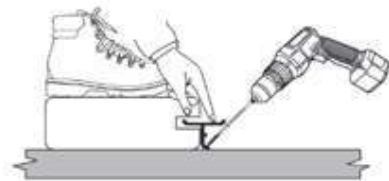
INSTALL FIRST BOARD



Fasten one edge of the first board at each framing support using a quality 2 1/4" (64mm) deck screw. It is important that this board is straight and well secured.

Step 3

INSTALL FIRST FASTENER

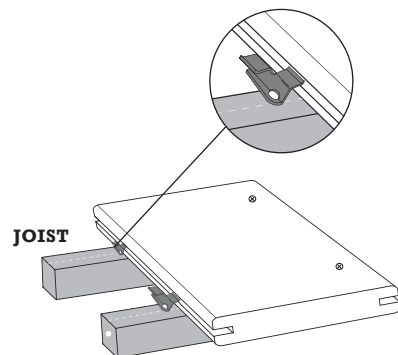


While standing on deck board, install provided screw at 45° angle through fastener and into joist, while applying pressure on fastener. Install one fastener and screw at each support joist.

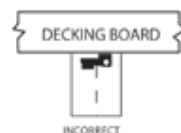
Make sure fastener body is vertical to deck board and the screw is holding fastener down tight to support joist. adjust torque setting on screw gun to prevent spin out of the screw head.

Step 2

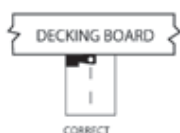
POSITION FASTENERS



Fully insert TC-G or TC-120 fastener into grooved edge of deck board. Screw hole should line up with the center of support joist.



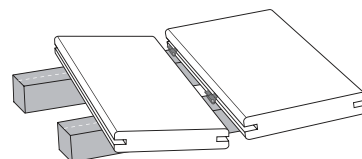
INCORRECT



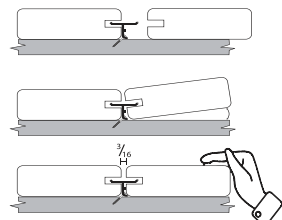
CORRECT

Step 4

COMPLETING INSTALLATION OF BOARDS



a Place next deck board into position against fasteners. Slightly raise outer edge of board being installed and slide board onto fastener until board contacts spacer tabs.



b Check gap between boards for consistency. Apply force to ensure board is fully installed.

Repeat steps 2 thru 4 until deck is complete.

HELPFUL TIPS

Coverage

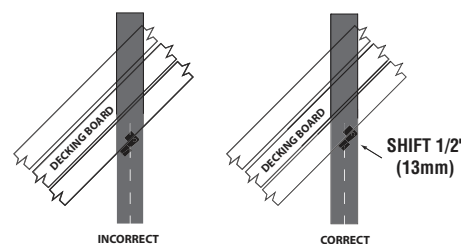
- Multiply the number of joists by the number of decking boards to equal the number of fasteners needed.
- 90 fasteners will cover approximately 50 sq. ft. (4.6 m²) using 5.5" (140mm) decking boards on 16" (410mm) centers or 35 sq. ft. (3.3 m²) using 3.5" (90mm) decking boards on 16" (410mm) on centers.

How do you attach the last board?

To finish, we recommend using either finish nails or trim screws to secure the last board along its edge. Or, you can angle a screw through the deck frame and into the bottom of the deck board.

45° angle installation

When deck is in the walled corner of the house: always start with small piece of decking in that corner and work your way out. **When installing TC Fasteners,** offset the center 1/2" (13mm) towards the long point of joist, so screw will not exit side of joist when driven.

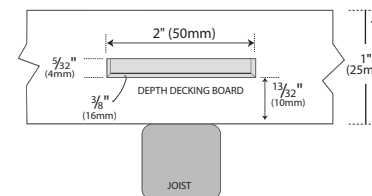


To use the TC-G or TC-120 fastener on solid-edge boards

Use a router to create a groove at every intersection of the deck board and support joists, or groove the entire edge of the deck board.



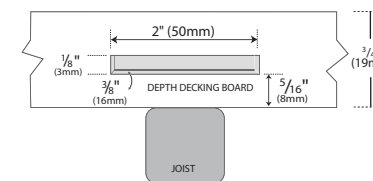
For TC-G (for use in 1" (25mm) or thicker decking:
Use the **Tiger Claw TC-G Slot Cutter** to create the groove shown below.



NOTE: The groove should start 13/32" (10mm) above the **BOTTOM** of the deck board. Groove should be at least 7/16" (11mm) deep.

NOTE: When using material with expected expansion greater than 1/8" (3mm), in width allow additional spacing between deck boards. (Check with your lumber supplier for expected expansion in your area.)

For TC-120 (for use with 3/4" (19mm) decking):
Use with **Tiger Claw TC-120 Slot Cutter** to create the grooves shown below.



NOTE: The groove should start 5/16" (8mm) above the **BOTTOM** of the deck board. Groove should be at least 7/16" (11mm) deep.

NOTE: When using material with expected expansion greater than 1/8" (3mm), in width allow additional spacing between deck boards. (Check with your lumber supplier for expected expansion in your area.)

Remember: Tiger Claw has a fastener for all your decking needs:

TC Pneumatic Installation Gun
For the fastest installation of TC-G

TC-1 Softwood Deck Fastener
Coated Steel fastener for Pressure-Treated, Cedar, and Redwood

TC-2 Softwood Deck Fastener
Stainless Steel fastener for Pressure-Treated, Cedar, and Redwood

TC-3 Composite Deck Fastener
Stainless Steel fastener for Composite, PVC & Mahogany

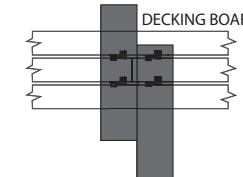
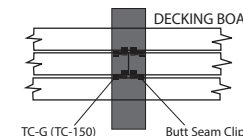
TC-4 Hardwood Deck Fastener
Stainless Steel fastener for Exotic Hardwoods

Proclip Cellular PVC Deck Fastener
Stainless Steel fastener for AZEK decking

TC-G Grooved Board Fastener
Stainless Steel fastener for 1" (25mm) grooved decking

TC-120 Grooved Board Fastener
Stainless Steel fastener for 3/4" (19mm) grooved decking

Butt Seam Grooved Board Clip
Stainless Steel clip to use in conjunction with the TC-G (TC-150) fastener.





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5317 NW Goodwin Loop
Camas, WA 98607

503.360.9551

sales@hdgbuildingmaterials.com