



INSTALLATION GUIDELINES

STORAGE

- Store AZEK Deck on a flat and level surface.
- Do not stack bundles over 8 units high.
- When possible, leave factory applied protective wrap on the product to help protect against dirt and debris.
- Use care when handling product with a forklift as forks can easily damage the material.
- If banding is used, use protective corners to prevent indents from the bands.

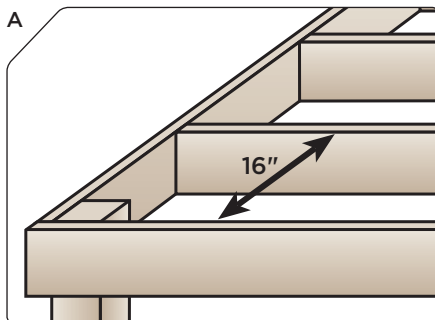
PREPARATION

Follow these guidelines for best deck installation.

- AZEK Deck is one-sided with the grain side up for the walking surface.
- If using AZEK Deck materials on an existing joist structure, check to make sure all joists are level, structurally sound, and there are no nails or screws protruding.
- Proper joist spacing is required for proper installation.

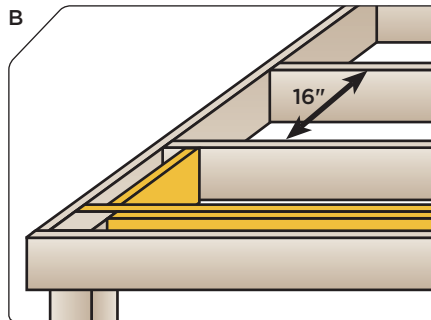
For correct joist spacing:

- Do not exceed 16" center to center for applications with deck board perpendicular to joists.
- Do not exceed 12" center to center for commercial applications.
- For deck boards on a 45° angle, such as a herringbone pattern, the joists should not exceed 12" center to center.



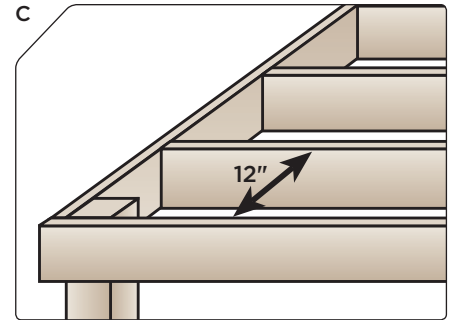
16" BASIC INSTALLATION SUBSTRUCTURE

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



PICTURE FRAME INSTALLATION SUBSTRUCTURE

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



DIAGONAL INSTALLATION SUBSTRUCTURE

12" on center maximum joists.

TOOLS REQUIRED

AZEK Deck materials can be installed using similar tools as you would use to install wood decking or composite decking.

- Corded or cordless driver/screw gun may be used.
- Self-feeding screw guns can be used.
- Miter saw with a fine-toothed, carbide-tipped finish trim blade works well for cutting.
- As with wood or composite decking, safety glasses should be worn during the entire installation process.

AZEK Deck should be installed using the same good building principals used to install wood or composite decking and in accordance with the local building codes and the installation guidelines included above. AZEK Building Products Inc. claims no liability or responsibility for the improper installation of this product. Since all installations are unique, it is the sole responsibility of the installer to determine specific requirements in regards to each decking application. AZEK Building Products recommends that all designs be reviewed by a licensed architect, engineer or local building official before installation.

FASTENERS

AZEK Deck materials can be installed using similar fasteners as you would use to install wood or composite decking.

- Due to the durability of AZEK Deck products, a high-quality fastener is recommended that meets the following specifications:
 - Stainless Steel
 - Minimum Screw Size: #7
 - Minimum Length: 2 1/4"
- For salt water coastal applications, we suggest using the above minimum fastener requirements in 316 stainless steel.
- Color-matched stainless steel deck screws are also available. Your AZEK Building Products dealer can assist with more information on these products.
- Hidden Fasteners:
 - The Tiger Claw* TC-P and Fastenmaster's Cortex* are two hidden fastener systems commonly used by contractors installing AZEK Deck.
 - Please consult the fastener manufacturer to ensure availability, compatibility, and proper use with AZEK Deck.

CARE AND MAINTENANCE

To keep your AZEK Deck looking its best:

- It is recommended that you wash your deck periodically with ordinary household products to remove stains, dirt and debris.
- To remove rust stains, use a household cleaner such as a toilet bowl cleaner.
- Avoid the use of rubber-backed mats, tarps, pool toys, and other non-porous items on the deck for any extended period of time as these items may cause discoloration to the decking surface.
- Some products, such as sunblock and insect repellent, contain chemicals that may alter the surface of AZEK Deck. Check product labels and consult with the manufacturer as to product compatibility with plastic materials, such as AZEK Deck, prior to use on or near AZEK Deck.

For ice removal:

- Most products containing calcium chloride can be used without damage to the deck surface.
- These products may leave a white residue which can be cleaned using the cleaning guidelines above.

(These guidelines may not cover every care and maintenance scenario encountered. For additional questions about care and maintenance, call (877) ASK-AZEK.)

EXPANSION AND CONTRACTION

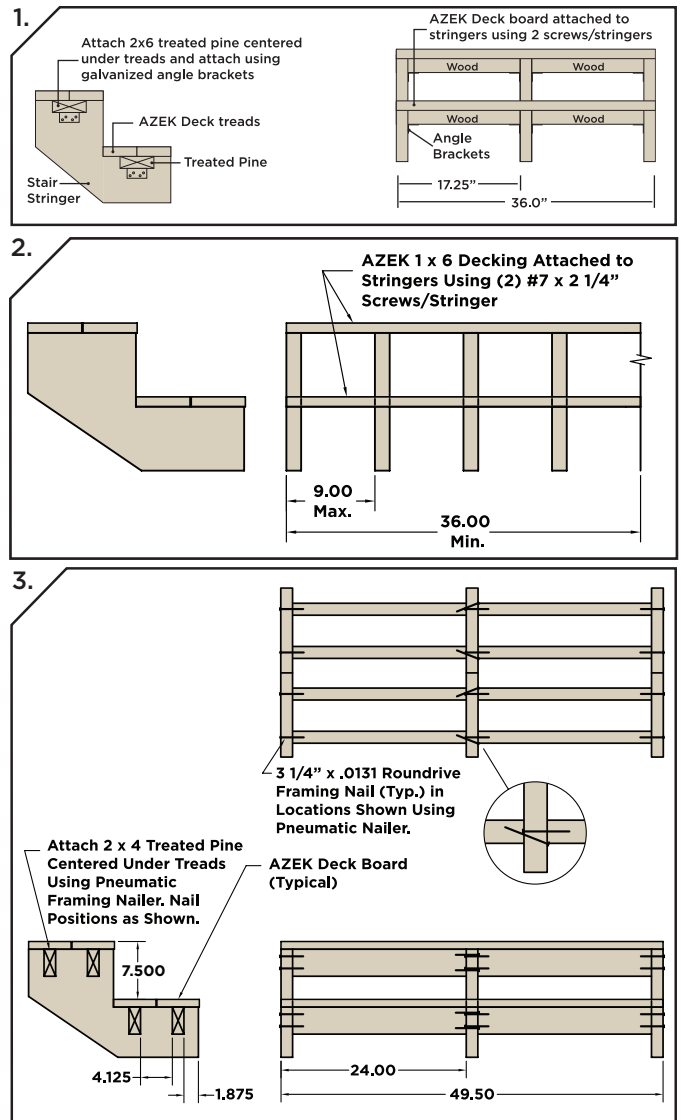
AZEK Deck boards will have minimal expansion and contraction with changes in temperature, unlike wood whose size will fluctuate with moisture changes. Fastening the deck boards according to the Installation Guidelines minimizes expansion and contraction.

- Expansion and contraction are most significant where extreme temperature change may exist.
- Best practice is to cut and fasten the deck boards as soon after cutting as possible.
- When ambient temperature is above 32°F, fit spliced or mitered deck boards tightly at ends.
- When ambient temperature is 32°F or below, allow approximately a 1/16" end gap.
- On end to end splices, be sure the fasteners are placed within 1/2" of spliced end.
- Deck boards fastened securely using 2 fasteners per joist member will minimize expansion and contraction.

Some area building codes may require double joisting when joining boards end to end. Always check with your local code authority for specific requirements before installation.

STAIR CODE COMPLIANCE

In order to meet the AC 174 Requirement for stair loading, the following method of construction is necessary:



For additional information, visit WWW.AZEK.COM

AZEK Deck Basic Installation Photos



16" CENTERS | 12" CENTERS

This completed deck substructure is ready for installation.

Use 12" on center when deck boards are not applied perpendicularly (90° angle) to the joists, and on commercial applications.



SET AND SQUARE

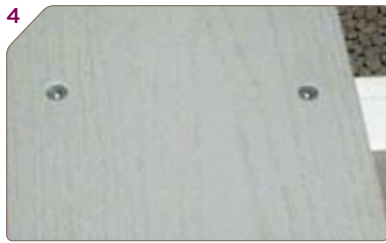
Set the first deck board on the substructure and square the board to the framing. Notice how the ends of the boards overhang the edge of the framing.

NOTE: If you cut the deck boards to their exact length prior to installing, fasten the boards immediately after cutting to limit expansion and contraction. (Refer to "Expansion/Contraction".)



SCREW DEPTH

To countersink your screw, adjust the depth on your driver to drive the screw to a depth of 1/32" to 1/16" below the top surface of the deck board. For best results, the screws should slightly penetrate the surface, similar to installing dry wall.



SCREW SPACING

When fastening, always position screws 3/4" to 1" from the side of the board. AZEK Deck components should not split or crack if screws are needed closer to the edge.



NO PRE-DRILLING

Drive screws through the deck board as shown above. Use two screws per joist to secure properly.



BUTTING BOARDS ON A RUN OR MITER

Ends should fit tightly together. Use 2 screw fasteners per board end. Place screws within 1/2" of board end (countersinking slightly). Fasteners should fully penetrate underlying joist.



BOARD SPACING

Use a spacer to create a gap of 1/8" to 1/4" between each deck board to allow for proper drainage. Fasten and space deck boards until surface is covered. Optional spacer: edge of a carpenter's square (as shown above). Spacers available at most lumberyards.



OBSTRUCTIONS

Use a jigsaw to easily cut around obstructions such as posts for railings, as shown above.



CUTTING PREPARATION

Check to make sure that each board is fastened securely along its entire length. Allow the deck board to overhang the rim joist a maximum of 1/8", use a chalk line to mark the location in order to cut the boards to length. This will insure proper rim joist cover fit.



CUTTING DECK BOARDS TO LENGTH

Use a circular saw with a fine-toothed, carbide-tipped finish trim blade to cut off the edges of the overhanging boards. A 20-grit diamond-tipped blade with a miter saw can also be used.



INSTALLING RIM JOIST COVER

Use an AZEK Deck rim joist cover to cover the face of the rim joist and the edge of the deck boards. Apply an exterior-grade construction glue to the back of the rim joist cover. Be careful not to get glue on the deck surface.



RIM JOIST COVER

Attach rim joist covers using screws roughly 12" on center. Miter cut the corners to eliminate exposed edges.