



## AZEK Board and Batten Install Guide

|                                                              |              |
|--------------------------------------------------------------|--------------|
| <b>PRODUCT DIMENSIONS &amp; STORAGE &amp; HANDLING .....</b> | <b>2</b>     |
| <b>TOOLS REQUIRED, CUTTING CONSIDERATION.....</b>            | <b>3</b>     |
| <b>EXPANSION &amp; CONTRACTION .....</b>                     | <b>4</b>     |
| <b>FASTENING .....</b>                                       | <b>5-6</b>   |
| <b>PAINT REQUIREMENTS.....</b>                               | <b>11</b>    |
| <b>SHEET FIRST WITH TRIM OVERLAY.....</b>                    | <b>12-16</b> |
| <b>TRIM FIRST WITH SHEET IN-FILL .....</b>                   | <b>16-22</b> |
| <b>GABLE INSTALLATION .....</b>                              | <b>18</b>    |
| <b>CARE &amp; CLEANING .....</b>                             | <b>24</b>    |

AZEK Board & Batten Siding should be installed using the same good building principles used to install traditional building products and in accordance with the local building codes and the installation guidelines included below. AZEK Building Products accepts no liability or responsibility for the improper installation of this product.

Applications outlined in this install guide are the only applications that are currently recommended for this product. Do not install this product in applications not outlined in this install guide.

AZEK Board & Batten Siding may not be suitable for every application and it is the sole responsibility of the installer to be sure that AZEK products are fit for the intended use. Since all installations are unique, it is also the installer's responsibility to determine specific requirements for each application.

AZEK Building Products recommends that all applications be reviewed by a licensed architect, engineer or local building official before installation. If you have any questions or need further assistance, please call AZEK Customer Service at 1-877-ASK-AZEK, (877) 275-2935 or visit our website at [AZEKexteriors.com/products](http://AZEKexteriors.com/products).



## ENVIRONMENTAL CONSIDERATIONS

AZEK Board & Batten Siding will experience expansion and contraction with changes in temperature, unlike wood and other products whose size will fluctuate with moisture changes. Fastening the boards according to the Installation Guidelines and leaving the recommended expansion gaps will help to minimize the effects of expansion and contraction.

- Expansion/contraction is most significant where extreme temperature changes may exist.
- Prior to and during installation, keep sheets as cool as possible by keeping them covered or out of direct sunlight.
- Leave a minimum 1/4" gap between the bottom of sheets and any solid surface such as a deck or patio.
- Sheets must be installed with the longest dimension running vertically.
- VERTICAL SHEET JOINTS: Leave 1/16" gaps between sheets for vertical joints.
- HORIZONTAL SHEET JOINTS: Joints MUST be flashed and a 1/4" gap left between the bottom of sheets and the top of horizontal flashing.
- EXTREME COLD: use extra care when handling and installing the product.

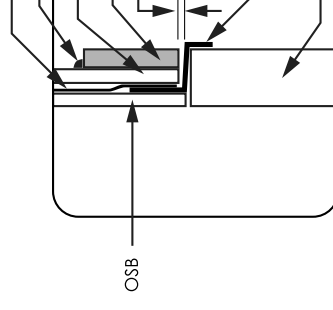
## EXTREME HEAT WARNING

Be aware of excessive heat on fire, grills, or reflections the surface of AZEK board and Batten Siding from external sources, such as (but not limited to) fire or reflection of sunlight from energy-efficient window products. Low-emissivity (Low-E) glass can potentially harm AZEK products. Low-E glass is designed to prevent passive heat gain within a structure and can cause unusual heat build-up on exterior surfaces from sunlight reflection. This extreme elevation of surface temperatures, which can exceed that of normal exposure, can possibly cause AZEK products to melt, sag, warp, discolor, increase expansion/contraction, and accelerate weathering.

## IMPORTANT

## TRIM CONSIDERATION

- There are two main options for trim:
- Sheet First with Trim (Trim must match the height of the Batten and wood substrate)
  - Trim First with Sheet (Trim must match up with the height of the Batten and wood substrate)



## FASTENING

- For high wind zone areas, consult [azekexteriors.com/resources](http://azekexteriors.com/resources) for fastener requirements.
- Fasteners should be installed in the center of the batten.

## FASTENING

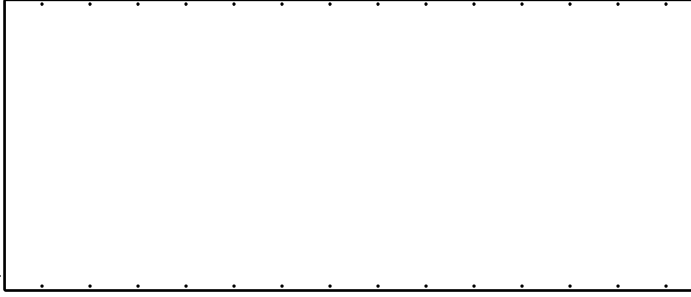
### SHEET OPTIONS:

- **FASTENER:** 0.092" x 1-1/2" hot-dipped, galvanized, ring shank nails.
- **VERTICAL EDGE FASTENING:** fasten every 8" vertically along the left and right edge of the sheet 1/2" from the edge, 2" from top and bottom
- **INTERIOR FASTENING:** fasten every 12" vertically with a maximum horizontal spacing of 16". This will be accomplished with the installation of the battens.

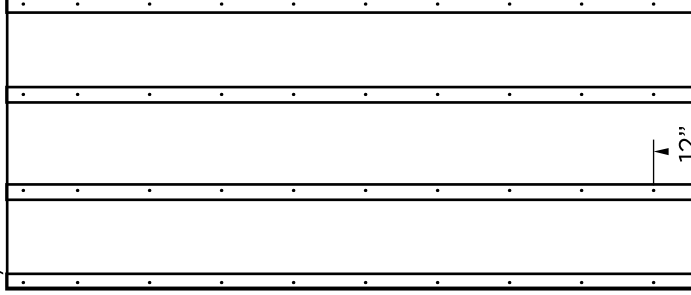
### BATTEN OPTIONS:

- 2" Cortex screws with matching plugs
- 2" Ring Shank Coil Siding Nail
- Place fasteners every 12" vertically, 1/2" from top and bottom
- DO NOT use adhesives to fasten battens to sheets

1/2" x 4' x 12'

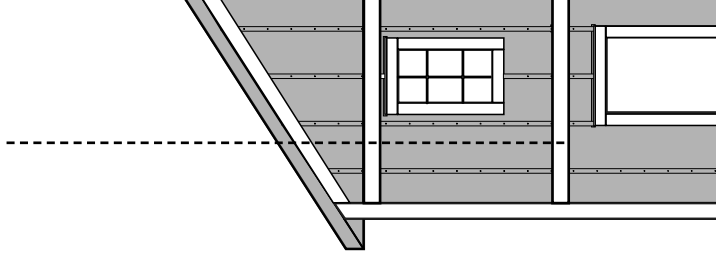
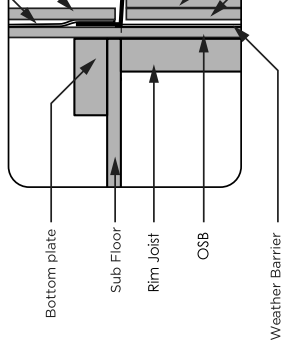


1/2" x 4' x 12'



## BRIDGING FLOOR

When installing on a masonry wall, use Bridging Floor Siding. Sheets and Battens are installed over the wall.

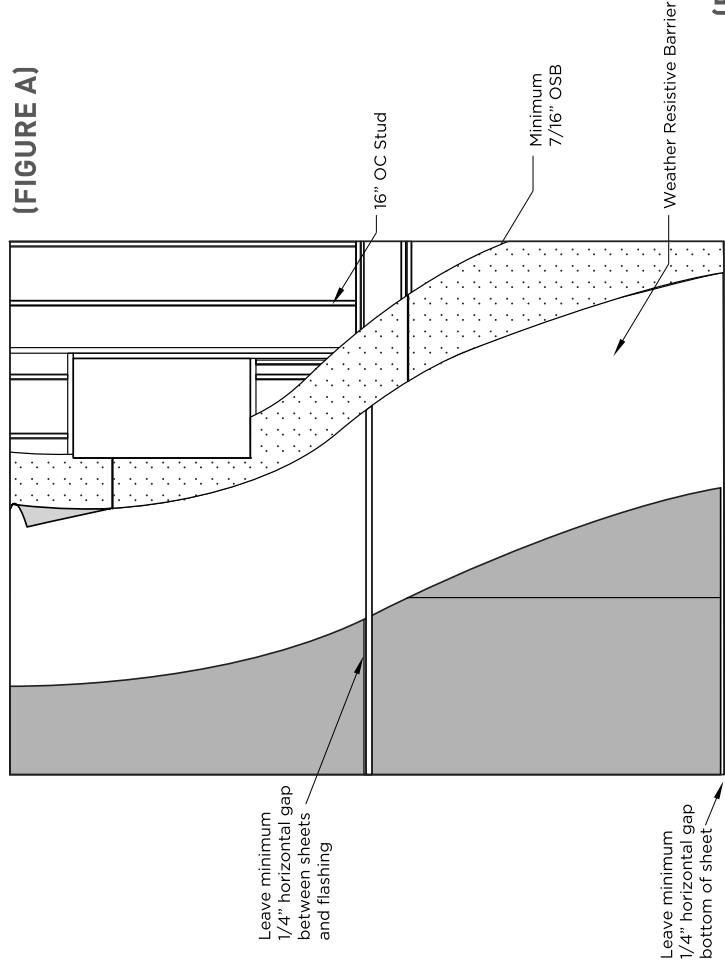


## GENERAL REQUIREMENTS

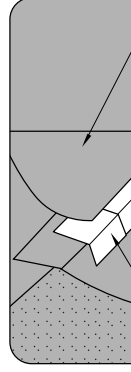
### GENERAL INSTALLATION REQUIREMENTS (FIGURE A)

- ALWAYS install sheets with the long dimension vertically
- Minimum 7/16" OSB or 1/2" plywood sheathing required
- Install weather resistant barrier per building code (AZEK highly recommends using a **drain wrap**)
- Leave 1/16" expansion gaps for all vertical sheet seams
- Horizontal flashing required between stacked sheets
- Leave minimum 1/4" gap between sheets and any horizontal surface

(FIGURE A)



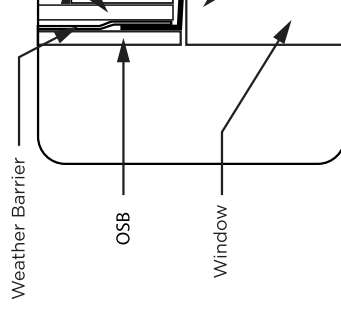
(FIGURE B)



## WINDOW DETAILS

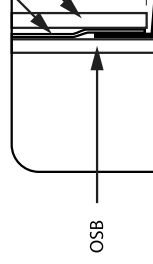
### SHEET FIRST WITH TRIM

- Properly flash the top
- Leave 1/4" gap above
- Leave a 1/8" gap betw
- Install the Trim on to
- Caulk the top edge of



### TRIM FIRST WITH SHEET

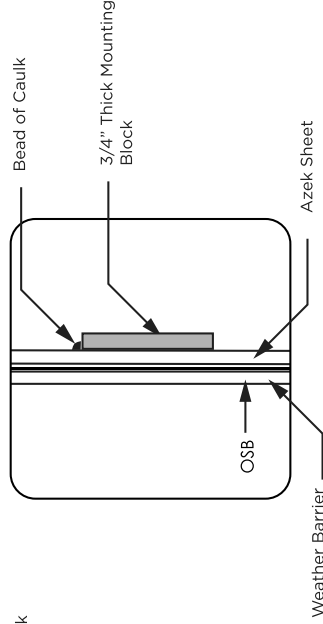
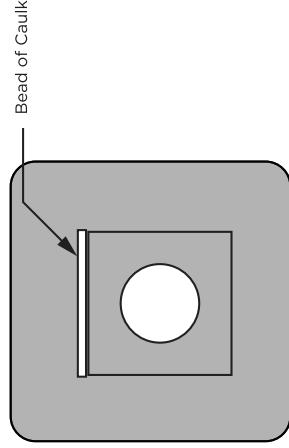
- Install Trims around
- Properly flash the top
- Install sheets around
- window. Caulk the 1/
- the flashing. DO NOT



## BLOCKING DETAILS

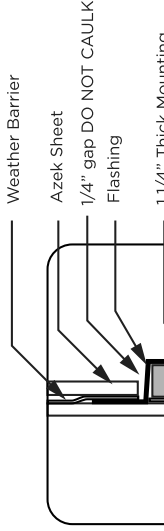
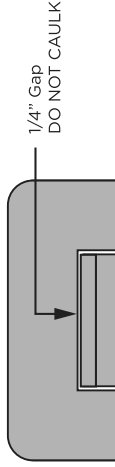
### SHEET FIRST WITH TRIM OVERLAY

- Cut the Sheet with a jigsaw to fit over the protrusion and fasten as required
- Fill any gaps between the protrusion and the sheet with caulk or insulating foam
- Overlay the block and fasten with 2" Cortex screw and plug, a 2" coil siding nail or another approved fastener in the AZEK Trim Installation Guide. Run a bead of caulk along the top edge of the block
- Learn more: <https://azekexteriors.com/resources/installation-help>



### TRIM FIRST WITH SHEET IN-FILL

- Prior to installing Sheet, cut the block and install it in place
- Flashing the top of the block
- Install Sheet around the block leaving 1/8" gaps on the sides and bottom, and a 1/4" gap above the flashing
- Caulk the sides and bottom, **DO NOT** caulk the top



## PAINTING REQUIREMENTS

If your desired color does not match, choose a pre-set color from the AZEK color chart with solar reflective pigment designed to limit heat buildup. Make sure your paint is suitable for exterior use.

- **AZEK Board and Batten** can be painted.
- To maximize paint performance, schedule installation at a job site with a temperature above 50°F.
- The surface must be clean, dry, and free of contaminants that may affect adhesion. Refer to the storage and handling instructions.
- Paints used on AZEK must be compatible with the panels and ensure the panels are protected from UV damage.
- **DISCLAIMER:** The LifeGuard warranty does not cover the performance of paint or a third party.

| COLOR RANGE                                 |   |
|---------------------------------------------|---|
| Lighter paint colors only                   | — |
| Light, medium and some darker colors        | — |
| All colors including dark and custom colors | — |

\*\*Using 100% Exterior Grade Acrylic Latex Paint

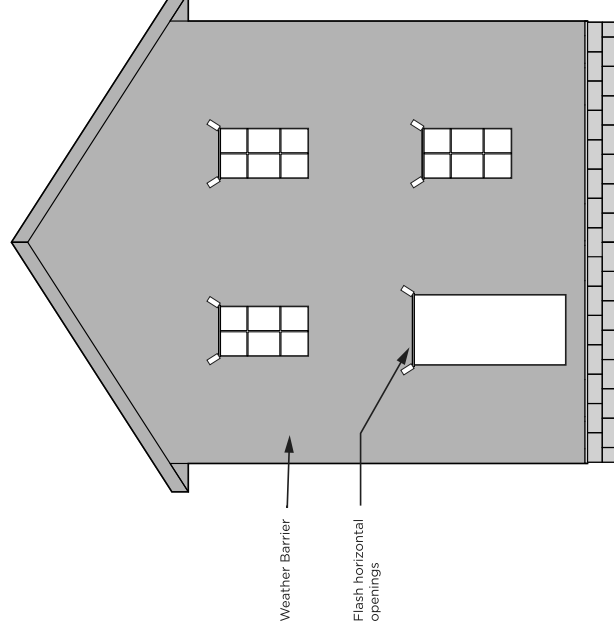
**What is Light Reflective Value (LRV)?**  
LRV is a measure of the total amount of light that is typically be found on a material. It is measured using a 100% acrylic latex paint.

## SHEET FIRST

### INSTALLATION PREPARATION:

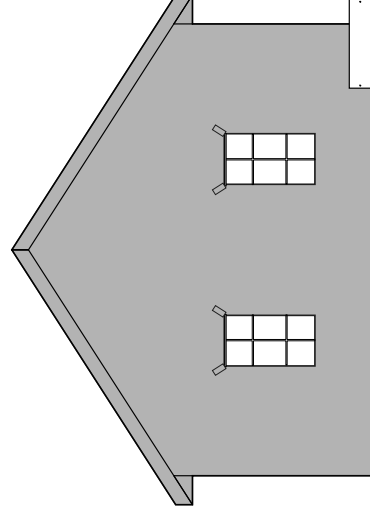
Follow these guidelines for best AZEK Board & Batten Siding installation results:

- **IMPORTANT:** AZEK Board & Batten will contour to the undulation of the wall surface. Ensure the wall sheathing and substructure are flat, even and in plane. Any imperfections will be seen
- Prior to installation, be sure that the wall is structurally sound, weather-tight, and that there are no nails or screws protruding
- Identify any utilities behind AZEK Board & Batten Siding and sheathing. Take proper measures to ensure utilities are not damaged by fasteners.
- Flash all windows and doors.
- Install proper horizontal flashings and kick-out flashings in accordance with the IRC.



### STEP 1

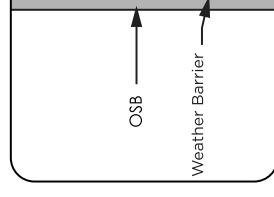
- Layout sheets so they **DO NOT** bridge floors (see page 8 for more detail)
- Install sheets with fasteners on the vertical edges every 8"
- Fasteners must be 1/2" from the vertical edges and 2" from the top and bottom
- Leave 1/16" gaps between the vertical seams of two adjoining sheets
- Leave 1/8" gaps along the sides and bottom of



## SHEET FIRST

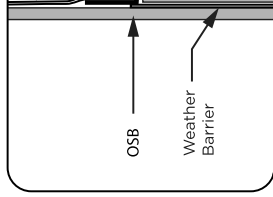
### STEP 2 (NO BAND BOARD)

- Flash along the top of compliance with the



### STEP 2 (BAND BOARD)

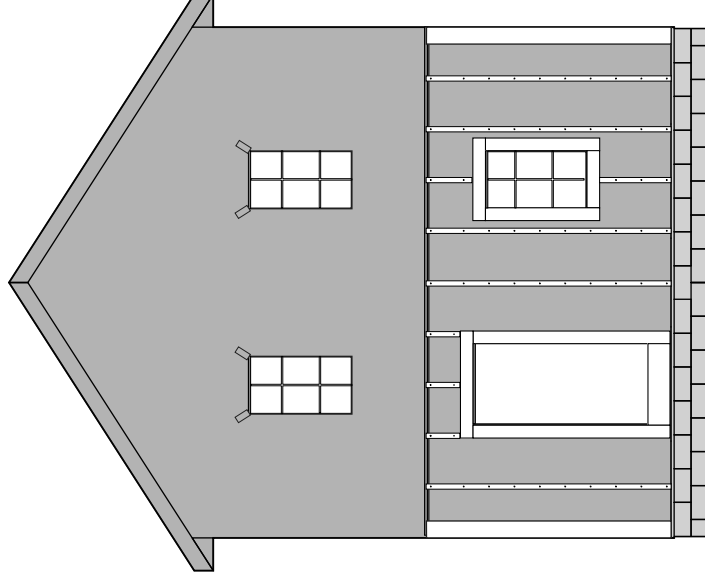
- Install band board flu
- Flash along the top of



## SHEET FIRST

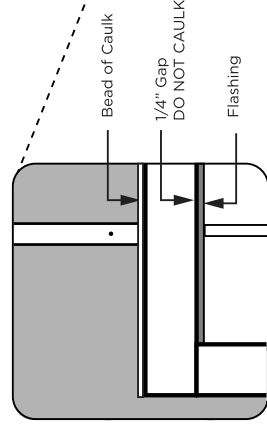
### STEP 3 (NO BAND BOARD)

- Overlay the corners and trims on top of the sheets
- Install Battens with 2" AZEK Cortex screws and plugs or 2" ring shank nails every 12" with a fastener 1/2" from each end
- Run a bead of caulk along the tops of the trims above the windows, doors or skirt boards



### STEP 3 (BAND BOARD)

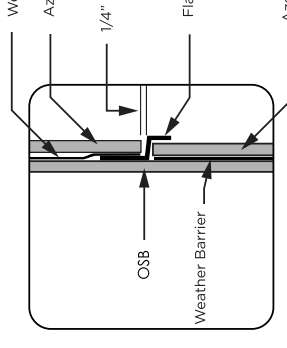
- Overlay the corners and trims on top of the sheets
- Install Battens with 2" AZEK Cortex screws and plugs or 2" rings shank nails every 12" with a fastener 1/2" from each end
- Run a bead of caulk along the tops of the trims above the windows, doors or skirt boards



## SHEET FIRST

### STEP 4 (NO BAND BOARD)

- Install the next level of sheets over the previous steps with a 1/4" gap between sheets
- Leave a 1/4" gap between the flashing and the battens above the trims
- Optional: Cut the battens at a 22.5 degree angle, still leaving a 1/4" gap



### STEP 4 (BAND BOARD)

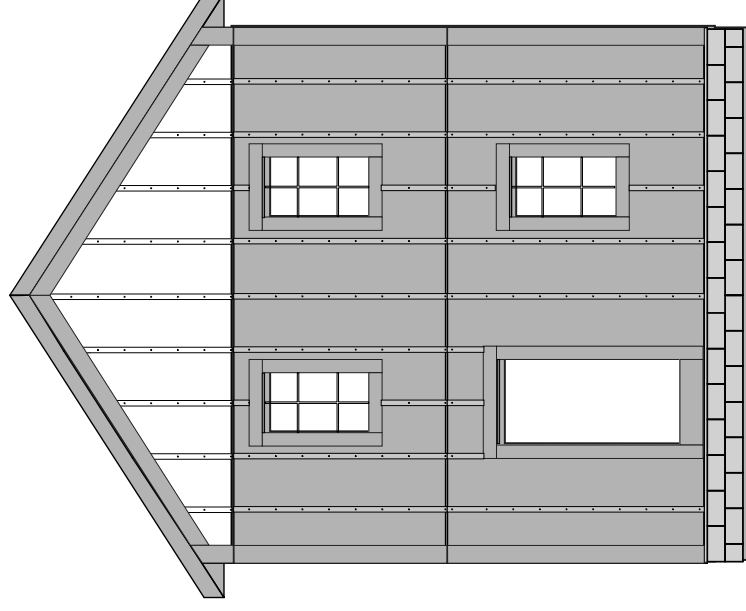
- Install the next level of sheets over the previous steps with a 1/4" gap between sheets
- Leave a 1/4" gap between the flashing and the battens above the trims
- CAULK



## SHEET FIRST

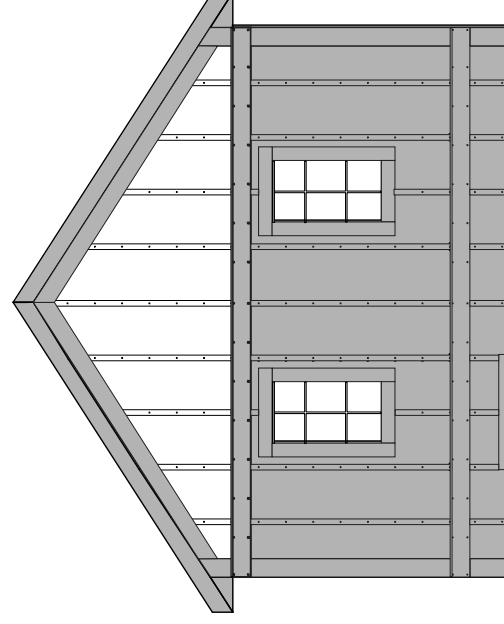
### STEP 5 (NO BAND BOARD)

- Install the gable sheets, leaving a 1/8" gap between the sheets and soffit
- Leave a 1/4" gap between the bottom of the sheet and the top of the flashing above the second level. **DO NOT CAULK**
- Install trims and battens as shown in previous steps



### STEP 5 (BAND BOARD)

- Install the gable sheets, leaving a 1/8" gap between the sheets and soffit
- Leave a 1/4" gap between the bottom of the sheet and the top of the flashing above the second level. **DO NOT CAULK**
- Install trims and battens as shown in previous steps



## TRIM FIRST

### INSTALLATION PREPARATION

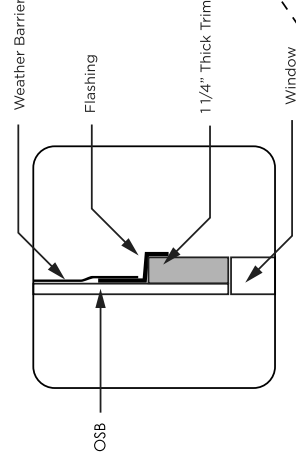
Follow these guidelines for:

- **IMPORTANT:** AZEK Board and Batten requires sheathing and substrate.
- Prior to installation, block any nails or screws protruding from the substrate.
- Please refer to ESR-444 for fastening schedules.
- Identify any utilities before installation to ensure utilities are not damaged.
- For best results, use

## TRIM FIRST

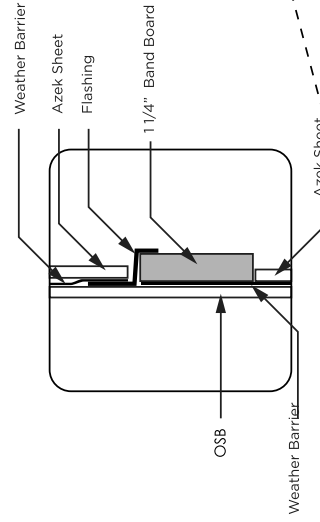
### STEP 1 (NO BAND BOARDS)

- Refer to trim installation guide [azekeexteriors.com/resources/installation-help](http://azekeexteriors.com/resources/installation-help)
- Install all trims and corners
- Flash all horizontal surfaces to meet local required building codes
- Install all kick-out flashing to meet local required building codes



### STEP 1 (BAND BOARDS)

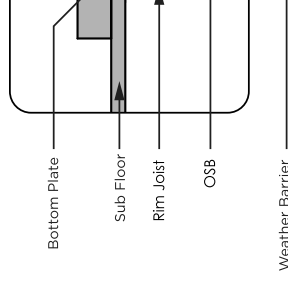
- Refer to trim installation guide [azekeexteriors.com/resources/installation-help](http://azekeexteriors.com/resources/installation-help)
- Install all trims and corners
- Install band board with the top of the band board on plane with the second level subfloor or the bottom of the rafters (see page 6 for more details)
- Flash the horizontal surfaces to meet all required local building codes
- Install kick-off flashing to meet all required local building codes



## TRIM FIRST

### STEP 2 (NO BAND BOARDS)

- Install sheets with the subfloor. Do not span gaps between subfloor.
- Leave 1/8" gaps between sheets
- Leave a 1/4" gap between sheets
- Leave 1/16" gaps between sheets
- Fasten along the vertical edge every 8", and 2" from corners
- Install horizontal flashing



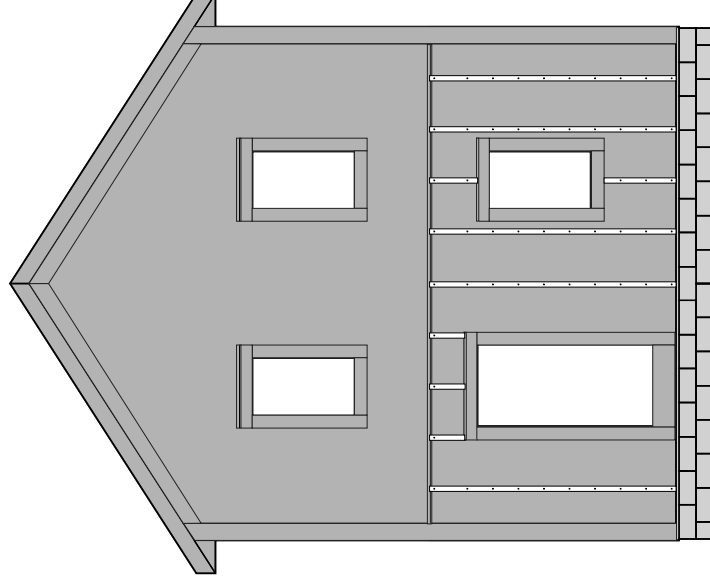
### STEP 2 (BAND BOARDS)

- Install sheets
- Leave 1/8" gaps between sheets
- Leave a 1/4" gap between sheets
- Leave 1/16" gaps between sheets
- Fasten along the vertical edge every 8", and 2" from corners

## TRIM FIRST

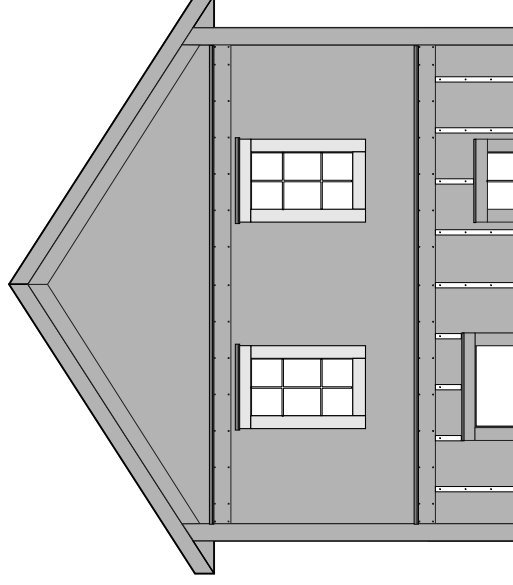
### STEP 3 (NO BAND BOARDS)

- Install battens over the seams using 2" AZEK Cortex screws and plugs or 2" rings shank nails every 12" with the top and bottom fasteners 1/2" from each end
- Fill in the remaining battens with a maximum spacing of 16" on-center
- DO NOT bridge floors with battens



### STEP 3 (BAND BOARDS)

- Install battens over the seams using 2" AZEK Cortex screws and plugs or 2" rings shank nails every 12" with the top and bottom fasteners 1/2" from each end
- Fill in the remaining battens with a maximum spacing of 16" on-center



## TRIM FIRST

### STEP 4 (NO BAND BOARDS)

- Install the next level in previous steps with rafters/trusses
- Leave a 1/4" gap between the top of the flashing and CAULK
- Optional: Cut the batten ends at a 22.5 degree angle, still leaving a 1/4" gap

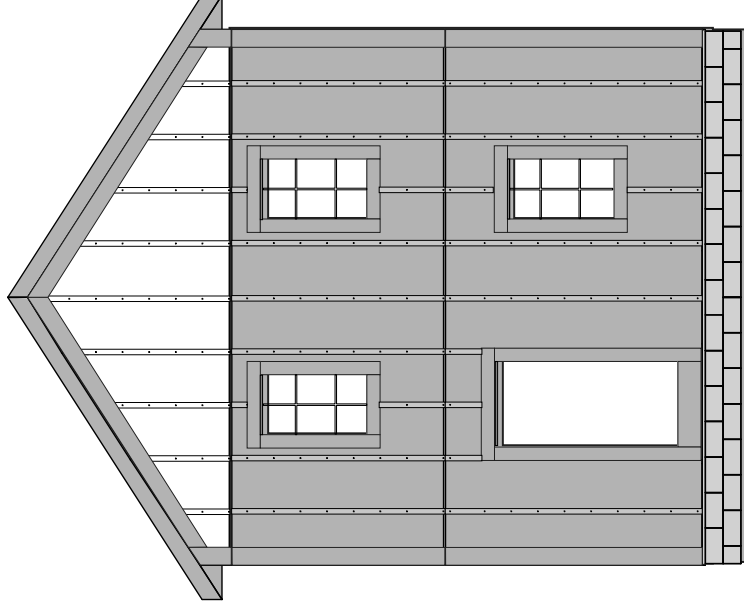
### STEP 4 (BAND BOARDS)

- Install the next level
- Leave a 1/4" gap between and battens and the board. DO NOT CAULK

# TRIM FIRST

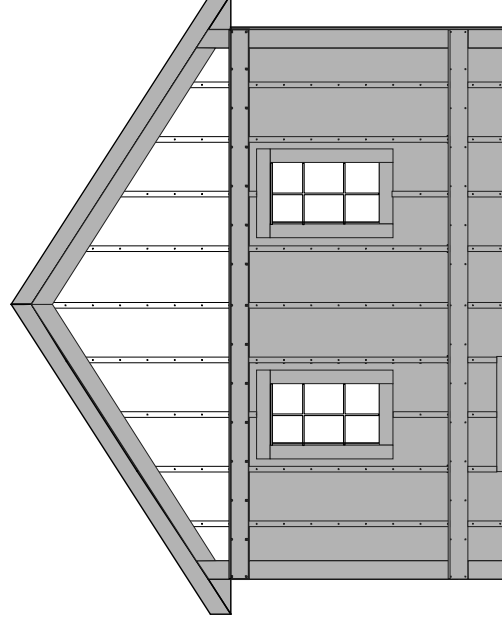
## STEP 5 (NO BAND BOARD)

- Install the gable sheets, leaving a 1/8" gap between the sheets and trims
- Leave a 1/4" gap between the bottom of the sheet and the top of the flashing above the second level. DO NOT CAULK
- Install battens as shown in previous steps



## STEP 5 (BAND BOARD)

- Install the gable sheets, leaving a 1/8" gap between the sheets and trims
- Leave a 1/4" gap between the bottom of the sheet and the top of the flashing above the second level. DO NOT CAULK
- Install battens as shown in previous steps



NOTES

**CARE AND CLEANING**

- Use a hose or power washer with a fan tip to clean off any loose dirt or debris. Make sure to test the pressure of the power washer prior to using it on AZEK Board & Batten Siding products to ensure it will not damage the surface.
- For UNPAINTED sheets and battens, if they do not come clean with water, they can be cleaned with TimberTech Deck Cleaner and a medium nylon bristle brush. Rinse the material thoroughly and let dry prior to applying paint.
- IMPORTANT: DO NOT USE SOLVENT BASED CLEANERS AS THEY CAN DAMAGE THE FINISH OF AZEK BOARD & BATTEN SIDING PRODUCTS.
- WARNING: KEEP CHILDREN AND PETS AWAY FROM CLEANING PRODUCTS AND THE CLEANED MATERIAL UNTIL IT IS COMPLETELY DRY.
- For any other questions on AZEK Board & Batten Siding, visit [AZEKexteriors.com/contact](https://www.azekexteriors.com/contact) or call us at 877-ASK-AZEK or 877-275-2935.

**AZEK Building Products**  
1330 West Fulton St. Suite #350  
Chicago, Illinois 60607

**AZEKexteriors.com • (877) ASK-AZEK (877) 275-2935**