

# LAP SIDING | Basic Installation Guide

## DOs

### 1 BEFORE YOU BEGIN

- Use these tips as a guide, not as a replacement for the Allura Fiber Cement Installation Manual which can be downloaded at [www.allurausa.com](http://www.allurausa.com) under the Resources Tab in the Technical section. Review the manual in its entirety and all applicable building codes prior to installation.
- Wear appropriate safety equipment—dust mask or respirator, eye protection, hard hat, and cut-resistant gloves as appropriate.

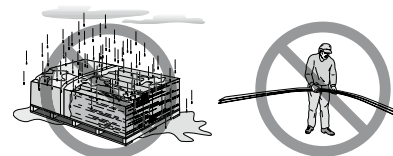
### 2 STORAGE & HANDLING

- Keep siding covered, off the ground on a clean, flat, and level surface that is protected from direct exposure to weather.
- Carry lap siding by its narrow edge.



## DON'Ts

- Do not install questionable product. Contact Allura Consumer Service at 1-844-625-5872



- Never install siding that is wet.

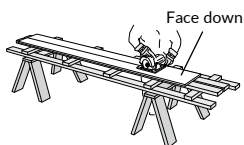
### 3 SHEATHING & WRAPS

- Lap siding must be installed to structural framing when using non-structural sheathing, builder board, foam-type sheathings and gypsum board.
- Siding must be applied over a water-resistant barrier in accordance with local building code.

- Do not fasten fiber cement siding over non-structural sheathing thicker than 1" without re-establishing a structural fastening surface.

### 4 CUTTING

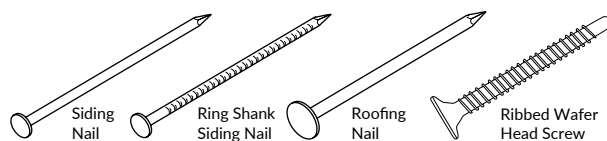
- Use appropriate personal protective equipment (PPE). Refer to the Fiber Cement Installation Manual for details.
- Cut fiber cement outdoors when possible.
- Use a polycrystalline diamond-tipped fiber cement blade for circular, miter, and table saws.
- When using a circular saw or mechanical shears, cut fiber cement siding face down.
- When cutting Allura Fiber Cement Lap Siding with Allura ColorMax® finish, leave the protective film on the siding until it is nailed to the substrate, then remove before applying the next course.



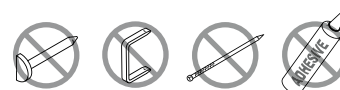
- Do not score and snap fiber cement.
- Do not cut fiber cement without proper ventilation.

### 5 FASTENERS

- We recommend using corrosion resistant double hot-dipped galvanized or stainless steel nails.



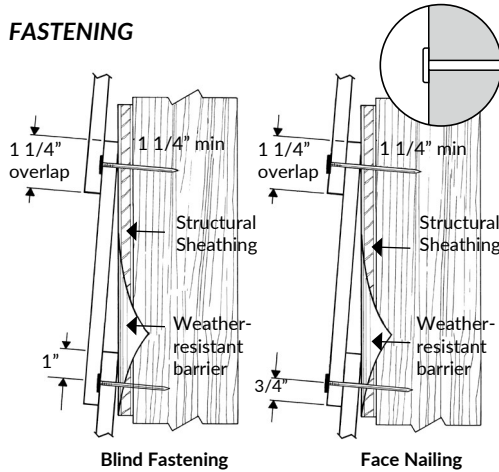
- Do not use D-head nails, staples, finishing nails and/or construction adhesives to install fiber cement siding.



# DOs

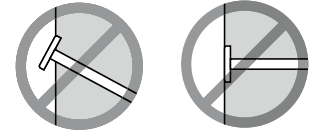
# DON'Ts

## 6 FASTENING



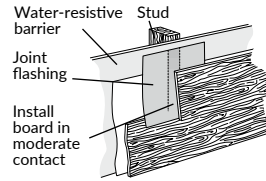
- Fasteners must penetrate a minimum of 1-1/4" into structural framing.
- Structural rated sheathing must be a minimum of 7/16" OSB or 1/2" plywood.
- Fasteners must be proud to the surface of material.
- When blind nailing, place nail 1" down from the top of the board; and when face nailing, place nail 3/4" up from the bottom.

- Do not counter sink or angle fasteners.



## 7 BUTT JOINTS

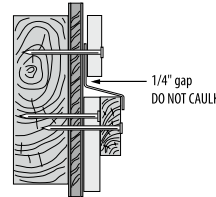
- Cut ends must be re-sealed with 100% acrylic latex primer or paint.
- Install all butt ends/joints in contact with one another.
- Use durable, non-corrosive back flashing that is non-reactive with fiber cement at all butt joints.



- Never leave a gap at a butt joint.
- Do not use uncoated aluminum or metal materials with fiber cement siding.

## 8 FLASHING

- There must be 1/4" clearance between the bottom of the fiber cement and horizontal flashing.
- Use durable, non-corrosive flashing that is non-reactive with fiber cement.



- Do not use uncoated aluminum or metal materials.
- Do not caulk "Z" flashing at horizontal openings.

## 9 CLEARANCES

- Hold back siding a minimum of 6" above final grade.
- Allow a minimum of 1"-2" above roof lines, porches, decks, etc.
- Leave 1/8" gap between siding and trim surrounding windows and doors.

- Do not install fiber cement directly in contact with surfaces that collect water.
- Do not install fiber cement products tight against trim.

## 10 PAINTING & CAULKING

- Use high-quality 100% acrylic latex paint or stain.
- Use high-quality, exterior grade, color-matched or paintable caulk or sealant that meets ASTM standard C920 Class 25 and is compatible with both fiber cement siding and the trim materials.
- Be sure to caulk wherever the siding meets the trim, non-self-flashing penetrations, and around all windows and doors.
- If using Allura Lap Siding with ColorMax® finish, please refer to the Allura Installation Manual for best handling and touch up practices.



- Never apply oil-based paint or stains.
- Do not caulk the bottom of the horizontal joint that is above the "Z" flashing.

### WARNING: AVOID BREATHING SILICA DUST

Allura siding products contain respirable crystalline silica, which is known to the State of California to cause cancer and is considered by IARC and NIOSH to be a cause from some occupational sources. Breathing excessive amounts of respirable silica dust can also cause a disabling and potentially fatal lung disease called silicosis, and has been linked with other diseases. Some studies suggest smoking may increase these risks. During installation or handling: (1) work in outdoor areas with ample ventilation; (2) use fiber cement shears for cutting or, where not feasible, use a dust-reducing circular saw attached to a HEPA vacuum; (3) warn others in the immediate area; (4) wear a properly fitted, NIOSH-approved dust mask or respirator (e.g. N-95) in accordance with applicable government regulations and manufacturer instructions to further limit respirable silica exposures. During clean-up, use HEPA vacuums or wet methods, never dry sweep. For further information, refer to our installation guides and Material Safety Data Sheet available at [www.maxitile.com](http://www.maxitile.com) or by calling (800) 451-2003. **FAILURE TO ADHERE TO OUR WARNINGS, MSDS, AND INSTALLATION GUIDES MAY CAUSE SERIOUS PERSONAL INJURY OR DEATH.**