

Storage and Handling

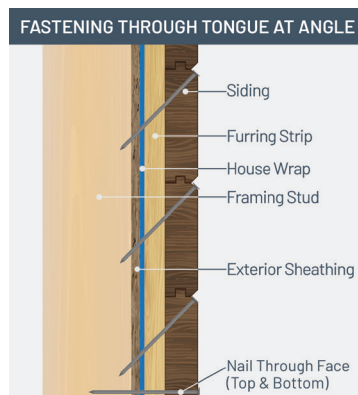
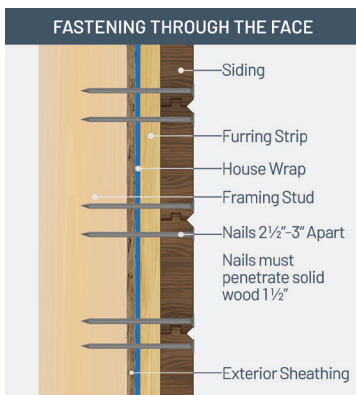
- Must be stored off the ground and covered with a water-resistant barrier.
- Lay flat on an even and drainable surface away from standing water.
- Product should not be exposed to the sun or excess heat while being stored.
- Product may get damaged if stacked and exposed to elements.

Clearance

- Store 12 inches minimum above ground.
- Adequate clearance above all horizontal draining surfaces such as doors and windows or roofing is required. Follow all local building codes.

Fastening

- The thermal modification process increases the density and brittleness of the wood, making it more susceptible to splitting. It is recommended to predrill holes for all fasteners to reduce the occurrence of splitting.
- Stainless steel fasteners are required for exterior applications and recommended for interior applications.
- Fasteners must penetrate 1-1/2" (32mm) into solid wood.
- Screw fastening is recommended for exterior applications.
- Screwing through the front of the board (2 screws per joint) offers the best holding ability.
- Secondary option of fastening through the tongue to eliminate exposed fasteners is acceptable. Boards up to 6" (152mm) wide can be blind-fastened, with one siding fastener per bearing toe-fastened through the base of each tongue.
- Fasteners should be placed through the face of the boards to start and end the wall or ceiling to ensure both edges are securely fastened to the structure.



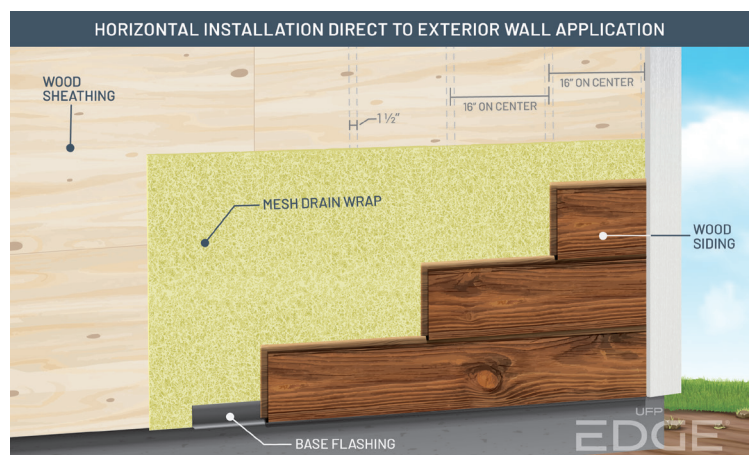
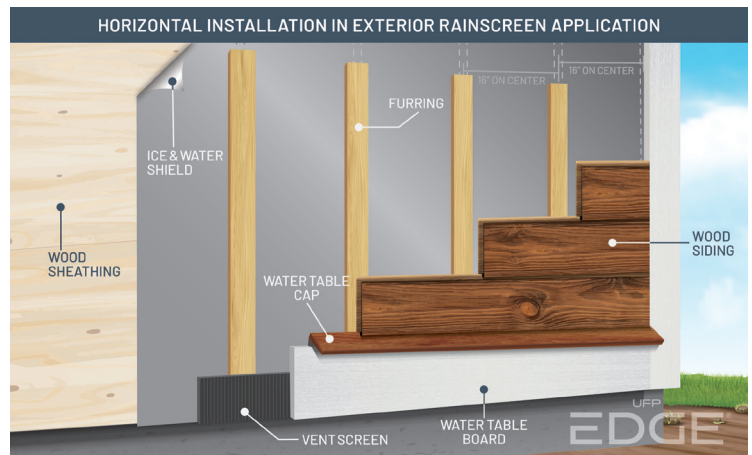
Finishing

- Prefinished Thermally Modified Wood cladding is ready for installation upon delivery.
- Natural Thermally Modified Wood cladding can be left unfinished. Areas exposed to UV will turn gray/silver over time.
- If the appearance of "Natural" Thermally Modified Wood cladding (Natural/unfinished only) is desired a UV-resistant topical coating should be applied. Follow all manufacturers recommendations for coating and application. It is recommended to test any coating prior to installation.

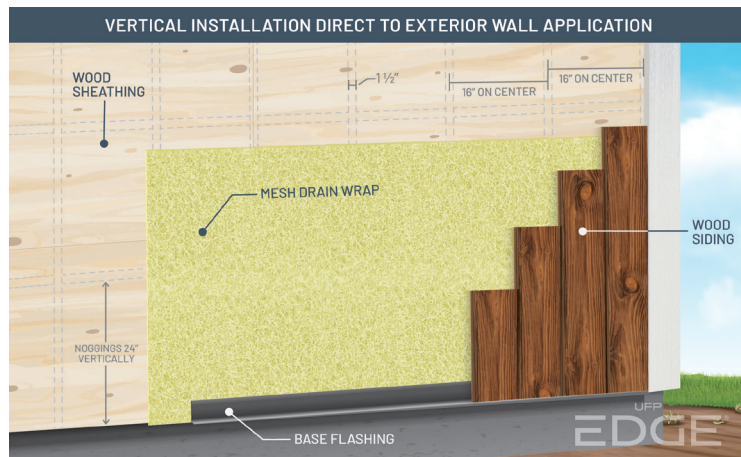
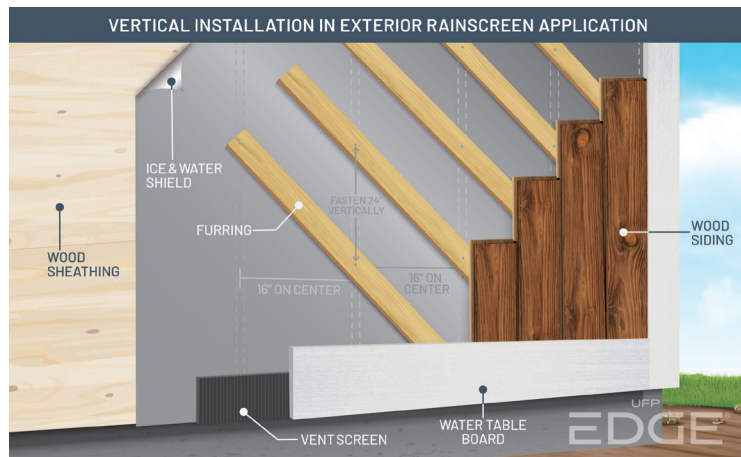
Exterior Installation

- Finishing/sealing Thermally Modified Wood is recommended on all exposed edges and cut ends for best appearance, performance and durability.
- Thermally Modified Wood cladding should be installed over a rainscreen to allow proper airflow and water drainage. A gap of 1/2" or greater is recommended for proper air flow and drainage of the wall cavity. Furring strips should be placed no more than 24 inches apart and must be fastened directly to vertical support studs.
- Tongue-and-groove pattern boards can be installed horizontally or vertically. The benefit of T&G profiles is the interlocking of pieces. The T&G pattern helps reduce the number of exposed fasteners.
- In horizontal applications, start at the bottom and work up, with the groove edges facing downward.
- In vertical applications, start at one corner with grooved edge facing toward the adjacent wall. Use a level or plumb line to ensure that the first board is installed vertically. The grooved edge of the first board may have to be trimmed to ensure a flush fit.
- Ensure the boards are fully set on the previous board and the seams are tight between boards.

Install shiplap horizontally or vertically. For horizontal applications, start with the bottom course and work up with overlap pointing downward. Do not fastener through overlaps. Shiplap siding is tight-fitting, so butt the courses up close.



Exterior Installation Vertical Diagrams



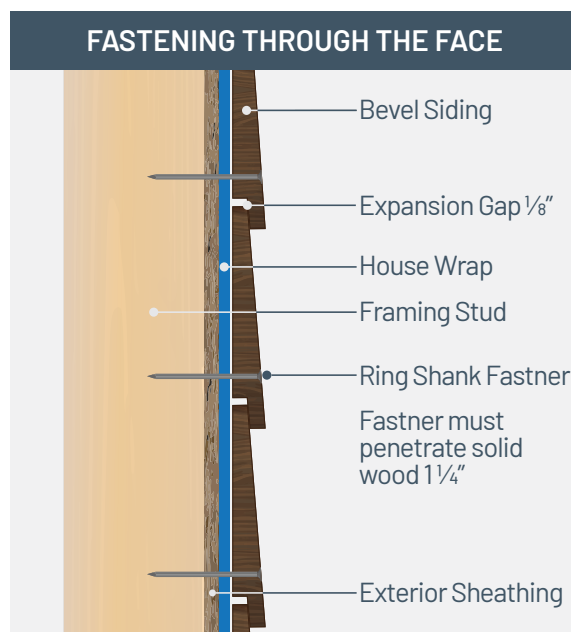
Installing Bevel Siding

Start with the bottom course using a furring strip to support the lower edge. Each succeeding course overlaps the upper edge of the previous one by a minimum of 1 inch. Rabbed patterns are self-spacing, but leave 1/8 inch expansion clearance. Where possible, the bottom of the board that is placed across the top of the windows should coincide with the window cap.

Bevel siding should be face fastened to studs with 1-1/4 inch penetration into solid wood using one fastener per piece spaced at a maximum of 24 inches on center. Place fastener just above the overlap. Take care not to fastener through the overlap of two pieces.

Do not reduce the siding overlap recommendations given in the installation sections of this publication. Doing so could result in damage from wind-driven water. Use the larger overlaps for unseasoned sidings to allow for shrinkage and expansion. Take care not to overdrive fasteners when using larger overlaps. Butt joints between boards should be staggered and meet on studs. Fit siding snugly to other pieces and to trim.

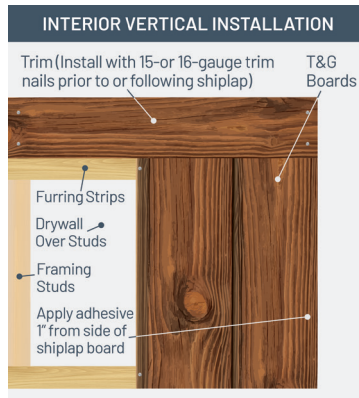
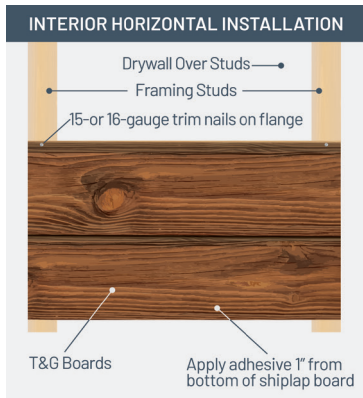
- Apply siding over approved structural sheathing.
- Maximum fastner spacing is 16 in. on center.
- Fasteners must penetrate wood framing 1-1/2 in.
- Do not use staples. Use only the fasteners specified in these instructions.
- Install a minimum 3/16 in. gap at butt joints and ends. Use only approved methods to protect joints areas.
- Siding must not be in direct contact with stucco, mortar, stone, brick, concrete or masonry.
- Apply siding in a method that will prevent moisture entry into the siding or wall cavity.
- Seal all exposed cut ends using a method that will prevent moisture intrusion.
- Maintain the proper clearance from the siding bottom drip edge to the finished grade, walkways and adjacent to the roof lines.



Interior Installation

- When installing Thermally Modified Wood on the interior of the home, it is not necessary to install over “batten strips” or rainscreen.

NOTE: (For non end-matched/8-foot length boards) Prior to installation and for best results, check for square and trim all uneven board ends.



- The boards should be fastened in a similar fashion to interior wall studs. Adhesive may be used to reduce the need for fasteners.

Install shiplap horizontally or vertically. For horizontal applications, start with the bottom course and work up with overlap pointing downward. Do not fastener through overlaps. Shiplap siding is tight-fitting, so butt the courses up close.

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