



ThurmaPure™

SIDING INSTALLATION INSTRUCTIONS

ThurmaPure™ Siding Installation Instructions

Most ThurmaPure™ Siding products are reversible and feature a double-sided profile. You may choose to install either the nickel-gap face or the V-joint face, depending on your aesthetic preference.

ThurmaPure™ Siding must be installed with a minimum $\frac{3}{4}$ -inch air gap between the substructure (sheathing or wall) and the back of the siding. Install furring strips at maximum 16 inches on center. Use furring strips made of ThurmaPure™ modified wood or appropriate-gauge marine-grade aluminum. ThurmaPure™ offers modified furring strips, please inquire about adding them to your order.

You may also use Cor-A-Vent or similar products, but note that Cor-A-Vent is not structural. Fasteners must be long enough to penetrate through the vent material and securely into the underlying substructure.

For horizontal installations, tongue-and-groove ThurmaPure™ Siding must be installed with the tongue facing upward to help shed water and prevent intrusion.

ThurmaPure™ Siding should be installed at least 12 inches above the ground, or at least 6 inches above slabs, paths, or steps to allow proper airflow underneath. Maintain a minimum $\frac{1}{4}$ -inch gap above and below soffits, doors, windows, and flashing to promote necessary airflow.

Hidden or Face Fastening Options

To install ThurmaPure™ Siding while hiding fasteners (or minimizing their visibility), use one of the following methods:

Angle Fastening (Blind Fastening): Use exterior-rated 2.25–2.5 inch, #6 or #7 self-tapping screws (Type 17 or similar). Fasten from the tongue downward at an angle through the siding into the furring strip below. Drive the screw head flush with the surface of the tongue to prevent water intrusion.

Face Fastening with Nails: Use exterior-rated 2.5 inch, #16 finishing nails. Nail directly into the furring strips. Do not face-fasten within $\frac{3}{4}$ inch of any board edge to prevent cracking or splitting. Pre-drilling is recommended when nailing ThurmaPure™ modified wood to reduce the risk of splitting.

Hidden Fastening Clips: Use exterior-rated tongue-and-groove hidden fastening clips designed specifically for real wood siding.

For vertical installations: Install vertical furring strips first, then add horizontal furring strips on top of the vertical ones to create the required airflow cavity behind the siding. Fasten the vertical ThurmaPure™ Siding boards to the horizontal furring strips using one of the methods listed above.

Cutting ThurmaPure™ Siding

Higher-powered saws generally produce cleaner cuts. A miter saw works well. For a $7\frac{1}{4}$ -inch circular saw, use a new 36–40 tooth carbide-tipped blade for best results. Blades with fewer teeth may result in a coarser cut.





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Maintenance & Care

Color Consistency: The ThurmaPure™ modification process creates a rich, darker color than untreated wood. A major benefit is that this color penetrates throughout the entire thickness of the board.

Color and grain variation between boards, and sometimes within the same board, is normal for natural wood products. Some species (such as poplar) show a wide range of colors, while others are more consistent. ThurmaPure™ sorts its finished products into general color tone ranges so you can select the tone that best suits your preference. Natural wood is generally not the best choice for projects requiring a perfectly uniform appearance.

Most ThurmaPure™ products come four-side factory oiled. The factory oil and color will begin to fade gradually after installation. The rate of fading depends on the duration, angle, and intensity of exposure to UV light, water, and debris. Regular maintenance is required to preserve the original color. Important: Keep the surface clear of leaves, needles, pollen, and other debris. These materials can accelerate deterioration of the factory oil, shorten maintenance intervals, and trap moisture that may lead to mold growth.

Most ThurmaPure™ products directly exposed to sunlight will need to be re-oiled or sealed approximately once per year, though the frequency may vary depending on your climate and exposure. If maintenance is skipped, the wood may silver or grey. Many homeowners intentionally allow this silvered “reclaimed barn wood” look, which does not affect the wood’s resistance to rot and decay.

If your ThurmaPure™ siding has silvered or greyed and you wish to restore the original rich color: Lightly sand the surface and apply a quality UV-protective oil-based sealant. Two or more coats absorb best and provide superior protection with longer intervals between maintenance. For an oil that closely matches the original factory finish, contact us with your product type and date of manufacture.

Cleaning: Wash the surface with a gentle wood cleaner and a soft spray from a garden hose. Always test the cleaner and water pressure on a small, inconspicuous area first to ensure it does not remove the oil or discolor the wood.

Checking & Distortion

“Checking” refers to small cracks or splits that can occur in wood as it expands and contracts with changing weather conditions. Most checking in ThurmaPure™ products occurs during the modification process when moisture content is reduced to near zero. We remove any significantly cracked boards during our quality control process.

Minor checking after installation is normal and is not a cause for concern or warranty claim. Please contact us immediately if you experience any significant cracking.

ThurmaPure™ modified wood is significantly more resistant to warping, cupping, and bending than untreated wood. However, it is not completely immune in exterior applications with large temperature and humidity fluctuations. To minimize distortion, it is essential to follow these installation instructions and provide good airflow behind the siding. If you followed the guide and still experience minor dimensional changes, contact us so we can help resolve the issue.





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Acclimatization

ThurmaPure™ wood products have very low moisture content and expand and contract far less than regular wood. However, they still respond slightly to seasonal changes in weather. We recommend allowing your siding to acclimatize on the job site, protected from direct sun and rain, for at least 1–2 weeks prior to installation. This allows the wood to reach equilibrium moisture content for your local conditions and helps minimize movement after installation.