

INSTALLATION GUIDEBOOK

Siding





Siding Introduction

Americana™ Thermally Modified Wood Siding & Rainscreen is 100% grown, harvested, and manufactured in Pennsylvania, the heart of the American hardwood forests. We offer a variety of profiles to get the look you want, whether it's vertical or horizontal. Go with Ash for a bold, pronounced grain, or Poplar for the smooth look. We are the manufacturer, so it can be totally your call.

Acclimation

For optimal wood performance we recommend allowing the wood to fully acclimate to your local environment. This acclimation period, which varies in length based on the relative humidity in your area and the season, allows the wood to achieve its Equilibrium Moisture Content (EMC) and thereby minimize any moisture absorption after installation. To properly acclimate, remove the packaging from the wood and store it elevated off the ground, out of the weather and direct sunlight. Acclimation can be further expedited by placing sticks in between each row of boards.

Thermally Modified Siding Installation

- ▶ If installing wood that has not fully acclimated, thermally modified hardwood siding will expand slightly in the width as it adapts to your location. This is a one-time event. Once adapted, the boards will remain stable, but care must be taken during installation to allow for this expansion. **We recommend leaving a 1/16" gap every row.**



- ▶ Use furring strips 1" x 2" (per local codes), maximum 16" apart, on top of sheathing* and house wrap. In horizontal installations, tongue must always face up.

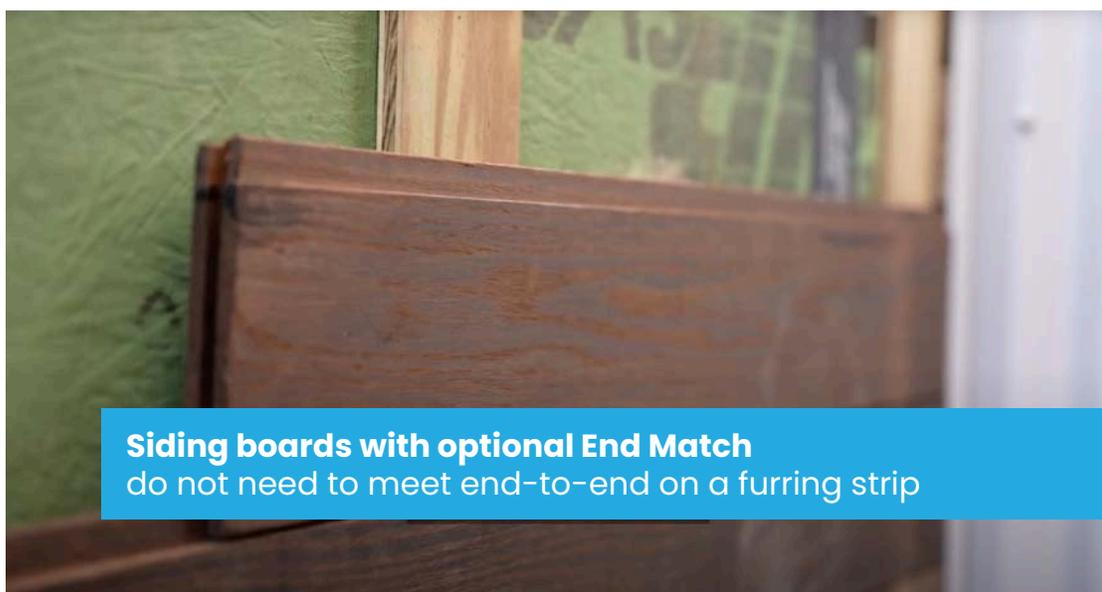
****Consult Americana before using gapping products that offer less/more airflow***



Thermally Modified Siding Installation

- ▶ Use stainless steel fasteners only.
- ▶ 2" gap at bottom between siding and ground. Ventilation gap behind siding must remain open to allow for proper airflow. Use Cor-A-Vent under top and bottom rows
- ▶ We recommend sealing before installation with stain, paint, or penetrating oil per manufacturer's instructions. See Care & Maintenance.

Siding boards with optional End Match do not need to meet end-to-end on a furring strip. Boards on either side of an End Match must span minimum 2 furring strips.



Siding boards with optional End Match
do not need to meet end-to-end on a furring strip

**In areas prone to wildfire, sheathing must be Type X Gypsum Sheathing, minimum 5/8" thickness, installed on 2" x 4" studs, 16" O.C.*

Thermally Modified Siding

Profiles

Example: S-46-000

“S” = Siding

“46” = Thickness in quarters of an inch, Width in whole inch

“000” = SKU (Shiplap Profile)

Americana Code	SKU Description	Reveal
S-XX-000	Shiplap	Nominal minus 0.875"
S-XX-001	Shiplap Quarter Gap	Nominal minus 0.750"
S-XX-002	Shiplap Nickel Gap	Nominal minus 0.875"
S-XX-003	Shiplap Half Gap	Nominal minus 1.000"
S-XX-004	Tex	Nominal minus 1.000"
S-XX-005	Tex Finline	Nominal minus 1.000"
S-XX-006	Tex Nickel Gap	Nominal minus 1.000"
S-46-007	Tex Bevel	Nominal minus 1.000"
S-44-008	Dutch	Nominal minus 1.500"
S-46-009	Double Dutch	Nominal minus 1.000"
S-XX-010	WP4	Nominal minus 0.850"
S-84-011	Deep Shadow	Nominal minus 1.250"
S-86-012	Triple Shadow	Nominal minus 0.875"
J-XX-000	Open Joint	Nominal minus 0.500"

Custom Profile Per Order

- All Profiles Available With or Without Square End Match



Thermally Modified Siding

Species

- ▶ Thermally Modified Appalachian Ash*
**Subject to availability, check with Americana*
- ▶ Thermally Modified Pennsylvania Oak
- ▶ Thermally Modified Pennsylvania Poplar

Fasteners

Use stainless fasteners, ONLY. **Do NOT use galvanized.** Galvanized fasteners will create permanent black stains.

Storage

Ideally, Americana™ thermally modified wood should be stored inside, away from the weather and sun. If storing outside, it is important that Americana™ wood products are not subjected to weather or sun, because the UV Rays will fade the material. The products should be elevated off the ground, uniformly stacked, and completely covered with a waterproof tarp. Make sure the ends of the tarp are open so moisture is not trapped inside.



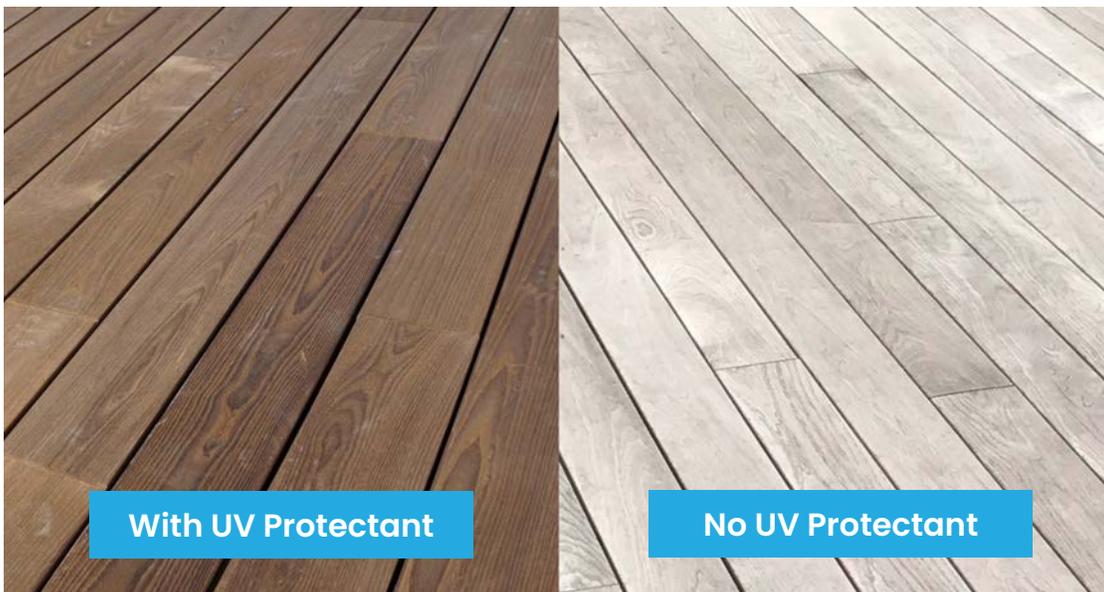
Scan to watch Siding and Rainscreen Tips and Tricks Video

After Installation

Thermally Modified wood will begin to “season” or adapt to its environment.

- ▶ *What you may see: superficial checking and occasional cracks near ends of boards. These do not get worse over time, and they do not indicate product failure. These adaptations are common to all woods. After several wet/dry cycles, many of these checks and cracks will diminish or close up altogether.*

Without UV protectant, Thermally Modified wood will lighten and eventually turn silver. This process begins immediately and may take a year to complete. This is also a very natural process for all wood products and it is superficial. The original brown color can be restored at any time by sanding and applying a UV protectant. Power washing alone does not remove the silvering.



Recommended UV protectants:

- ▶ *For best results, Americana™ recommends Cutek™ Extreme (note: a pigment is required for UV protection) - <https://cutekstain.com/us/>, 1-833-MY-CUTEK*
- ▶ *Ask us about other finishes before using.*

Wood Silvering

To prevent “silvering” of the wood, we recommend using a penetrating UV protectant. Most UV protectants also resist water and allow it to evaporate before penetrating the wood. This in turn reduces the incidence of checking and cracking.



Finishes – For best results, apply Cutek Clear to all sides before installation (or opt for factory-applied Cutek). To maintain or alter the color, apply another coat of Cutek + colortone of your choice on visible surfaces after installation.

Please consult Americana before attempting to use any finishes other than those recommended.



Scan to watch Care and Maintenance
Tips and Tricks Video