



INSTALLATION GUIDEBOOK

Siding & Rainscreen





INSTALLATION GUIDEBOOK

Siding Section

Thermally Modified Siding

- ▶ 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 1/8" gap every 4 rows, especially if installed vertically.**



- ▶ 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

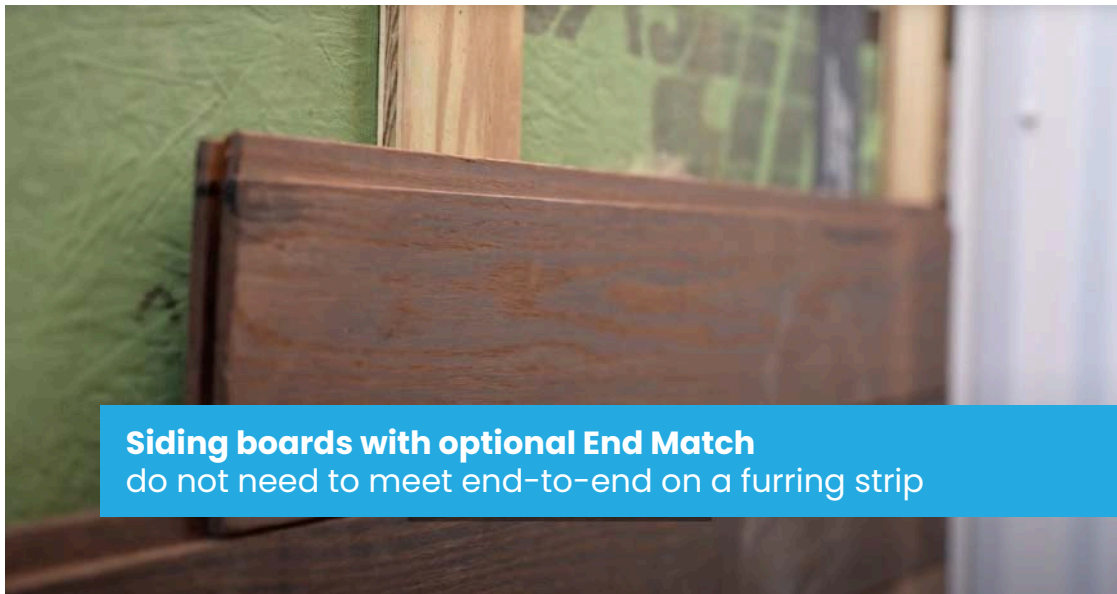
**Consult Americana before using gapping products that offer less/more airflow*



Thermally Modified Siding

- ▶ 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.



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	Nomial minus 0.500"

Custom Profile Per Order

- All Profiles Available With or Without Square End Match



Species

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

Fasteners

Use stainless steel screws, nails, 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

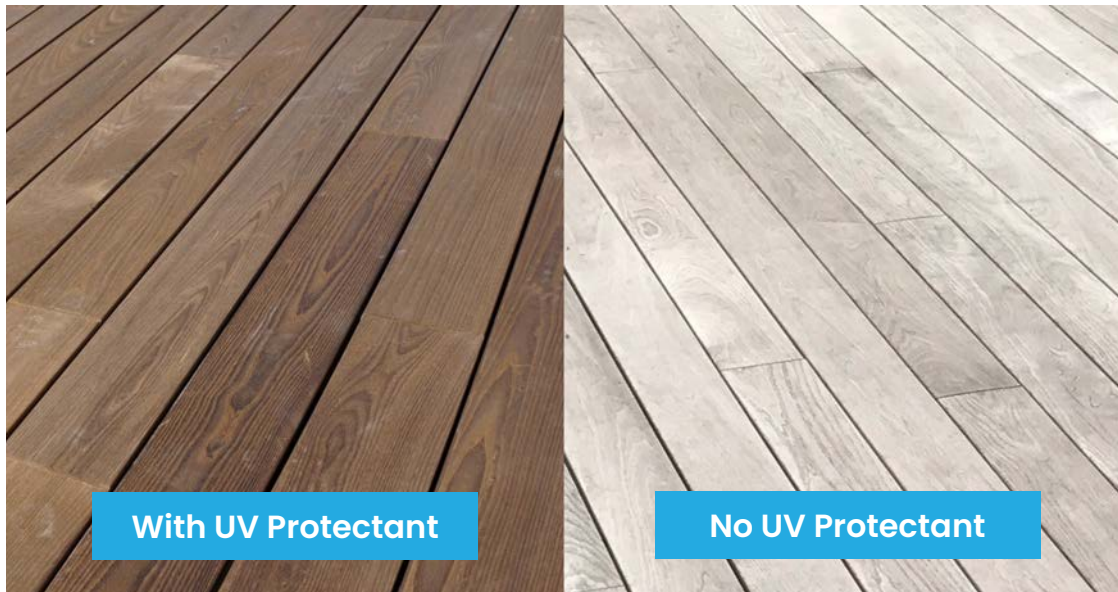


After Installation

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.*



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**





INSTALLATION GUIDEBOOK

Rainscreen Section

Thermally Modified Rainscreen

- ▶ Install Nova ExoClad QuickClip Rainscreen clips directly over sheathing* and house wrap. Tongue must always face up. Clips automatically create 3/4" air gap between Rainscreen and house wrap/sheathing.
- ▶ Clips may be spaced up to 24" apart without optional End Match. With End Match, clips may be spaced 32" apart at alternating 16" increments with each row.
- ▶ Attach clips with exterior grade #10 pan head screws.
- ▶ Allow 12" 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.
- ▶ Rainscreen boards with optional End Match do not need to meet end-to-end on a clip. Boards on either side of an End Match must span minimum 2 clips.

Profiles

Example: R-46-000

"R" = Rainscreen

"46" = Thickness in quarters of an inch, Width in whole inch

"000" = SKU (ExoClad Rainscreen Profile)

Americana Code	SKU Description	Reveal
R-46-000	ExoClad Rainscreen	Nominal minus 1.000"

Species

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



Fasteners

Use stainless steel screws, nails, 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.

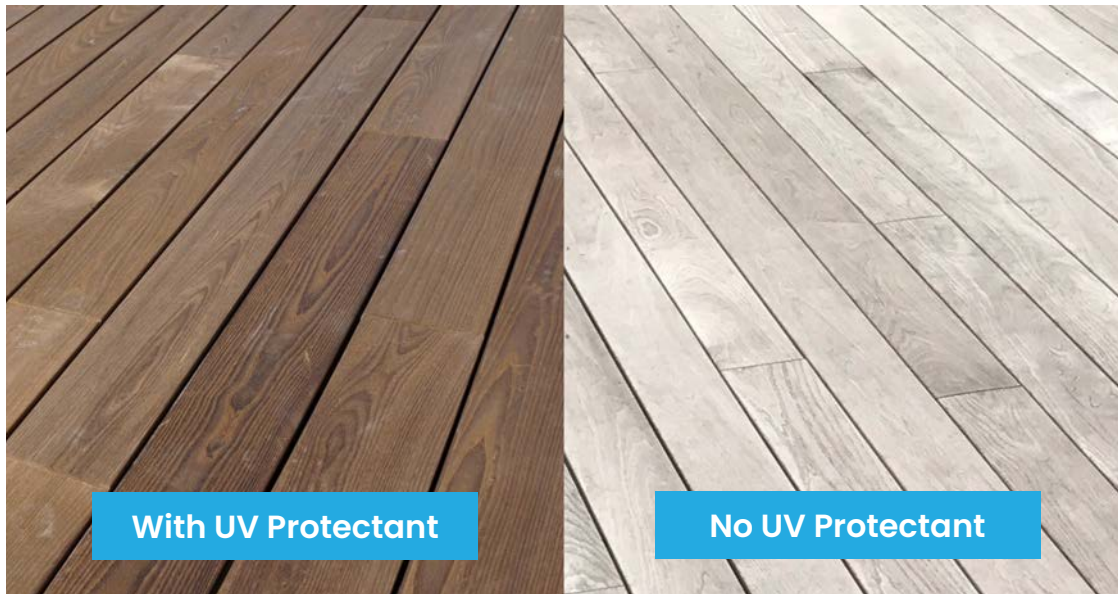


After Installation

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.*



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**

