

THERMALLY MODIFIED

PORCH FLOORING

Installation Guide



- Tongue & Groove porch flooring must only be used for covered porch applications with adequate pitch (1/8" to 1/4" per 12").
- Joist spacing: maximum 16" on center when porch flooring is perpendicular, maximum 12" on center when porch flooring is angled.
- Minimum distance from ground: 8". It is essential that air can circulate under porch to equalize humidity. **Do not trap moisture.**
- Face-screw outside edges of first and last porch boards using stainless steel screws only. To avoid splitting, pre-drilling and counter-sinking is recommended.
- Screw (pre-drill first) or nail through tongue at a 45° angle. For pneumatic floor nailers, use 16-gauge stainless nails.
- Butt joints must be centered on joists.
- Porch boards with Square End Match do not need to meet end-to-end on a joist. Boards on either side of a Square End Match must span minimum 2 joists or stringers.

NOMINAL SIZE

NET SIZE

LENGTHS

CLEATS

1 x 3	0.75" x 2.25" plus tongue	6' to 12'	1.5" 16-gauge Stainless Steel "L" Cleats
1 x 4	0.75" x 3.50" plus tongue	6' to 12'	1.5" 16-gauge Stainless Steel "L" Cleats
5/4 x 3	1.00" x 2.25" plus tongue	6' to 12'	2.0" 16-gauge Stainless Steel "L" Cleats
5/4 x 4	1.00" x 3.50" plus tongue	6' to 12'	2.0" 16-gauge Stainless Steel "L" Cleats

PROFILES*

- ☉ Tongue & Groove Square Edge
- ☉ Tongue & Groove Microbevel
- ☉ With or without Square End Match

SPECIES*

- ☉ Thermally Modified Ash
- ☉ Thermally Modified Oak

STAIR TREADS

- ☉ Use 5/4" thickness only
- ☉ Face-screw only; do not use clips
- ☉ Stringers max 12" apart

FASTENERS

Use stainless steel screws, nails, and clips ONLY. Do NOT use galvanized. Galvanized fasteners will create permanent black stains.



**Options Available in all Sizes*

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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.

CARE & MAINTENANCE

- ⊗ 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.
- ⊗ Recommended UV protectants:
 - *Cutek™ Extreme (note: a pigment is required for UV protection) - www.CutekAmerica.com, 888-220-2350*
 - *Penofin® for Hardwood - www.penofin.com, 800-PENOFIN*
 - *Seal-Once® NANO+POLY™ Premium Wood Sealer (note: a pigment is required for UV protection) - www.seal-once.com, 888-363-2628*
- ⊗ Finishes - For best results, apply Cutel 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 finish other than the recommended ones.**

