

Charred Wood T&G Installation Guide

Tongue-and-groove siding – installation reference



General requirements

- ✓ **Prepared substrate**
Install over properly prepared framing or strapping.
- ✓ **6 in. minimum clearance**
Keep siding at least 6 in. above grade.
- ✓ **Drainage + ventilation**
Maintain an air gap and clear drainage path behind the siding.
- ✓ **No direct-to-sheathing install**
Strapping is required; do not install directly over wall sheathing.

VERTICAL

Double strapping

12-16 in. O.C.

HORIZONTAL

Vertical strapping

16 in. O.C.

FASTENING

Through tongue

Concealed

ADHESIVE

Apply to strapping

Recommended

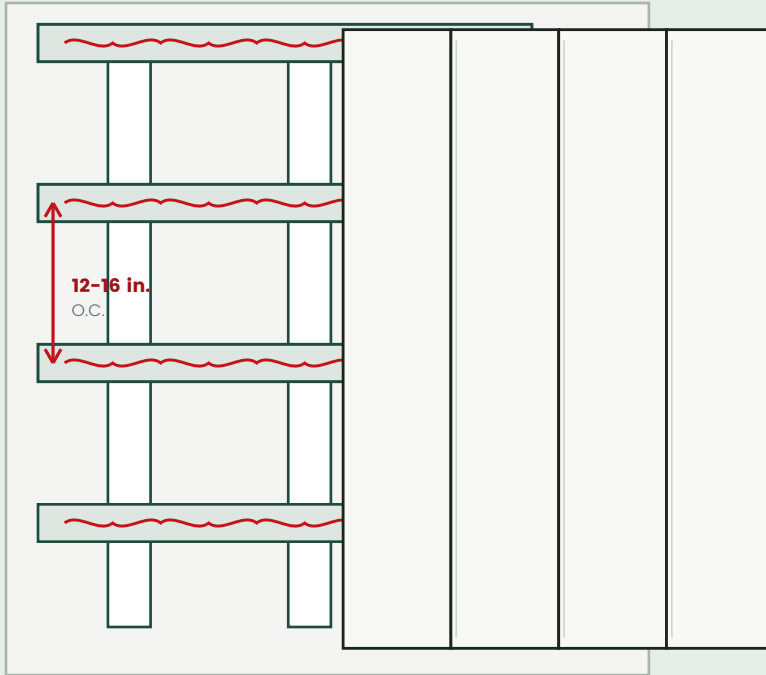
Vertical installation

T&G profile – two-layer strapping system

Vertical siding requires two layers of strapping. The first layer runs vertically into the studs; the second layer runs horizontally and provides the fastening surface for the boards.

DOUBLE-LAYER STRAPPING

Vertical boards shown partially installed



1

First layer

Install vertical strapping into the studs.

2

Second layer

Install horizontal strapping at 12-16 in. O.C.

3

Adhesive

Apply a bead to the horizontal strapping before setting boards.

4

Fastening

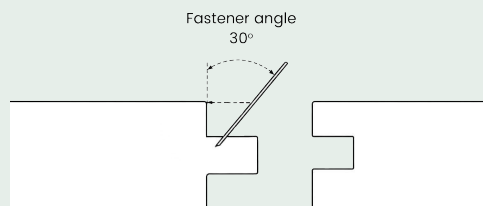
Staple through the tongue at an angle so the fixing is concealed.

FASTENER SPECIFICATION

18 gauge narrow crown staple | 1/4 in. crown | 1-1/2 in. length Use corrosion-resistant galvanized or stainless steel fasteners.

CONCEALED FASTENING

Drive the staple through the tongue at an angle.



STRONGLY RECOMMENDED

Use construction adhesive

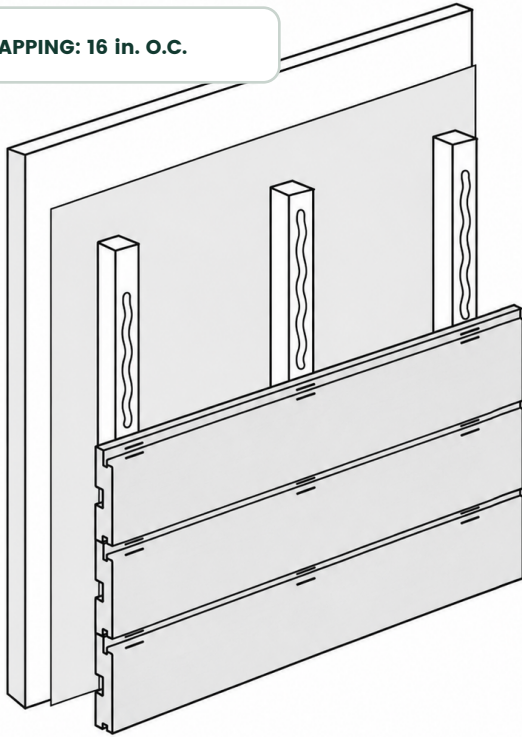
Apply a bead to the strapping before each board is installed. Adhesive improves board stability, limits movement and warping, and provides immediate grab during installation.

Horizontal installation

T&G profile – single-layer strapping system

For horizontal siding, use one layer of vertical strapping installed into the studs at 16 in. O.C. The vertical cavity also provides the required drainage and airflow path behind the siding.

STRAPPING: 16 in. O.C.



1

Strapping

Install one vertical layer into studs at 16 in. O.C.

2

Adhesive

Apply a bead of adhesive to the strapping.

3

Boards

Set the T&G boards horizontally and keep courses straight.

4

Fastening

Staple through the tongue at an angle for a concealed fixing.

FASTENING

18 ga narrow crown staple | 1/4 in. crown | 1-1/2 in. length Galvanized or stainless steel.

Drive through the tongue at an angle.



ADHESIVE – RECOMMENDED

Apply adhesive to strapping

Use the same construction adhesive shown in this guide. Apply the bead before the board is set, then fasten through the tongue.

Materials + final checks

Recommended fastening and adhesive reference



ADHESIVE

Titebond TiteGrab+

Construction Adhesive Instant

Grab - example shown

Usage:

apply a bead directly to the strapping before setting the siding.

Why use it:

improves board stability, reduces movement and warping, and holds the board in place while fastening.



FASTENERS

18 GA narrow crown staples

Crown: 1/4 in.

Length: 1-1/2 in.

Material: galvanized or stainless steel

Example: Benchmark 18 GA narrow crown staples

Before you finish

- ✓ Use stainless steel or galvanized fasteners.
- ✓ Keep board lines straight and strapping spacing consistent.
- ✓ Do not install siding directly onto wall sheathing - strapping is required.
- ✓ Maintain a clear drainage path and ventilation space behind the siding.
- ✓ Keep boards at least 6 in. above grade and out of direct contact with concrete.
- ✓ Use adhesive for added long-term stability; it is strongly recommended for vertical installation.

Questions about installation?

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