

Wall and Roof Sheathing

Weyerhaeuser Structurwood®



Engineered Reliable

Structurwood is engineered to get the most from natural wood. Each panel is precisely engineered for its particular end use and is 100% uniform, reducing waste. This efficient use of our precious natural resources is consistent with Weyerhaeuser's philosophy of responsible environmental stewardship.

The Structurwood Advantage

Whatever the use – walls or roofs – Structurwood gives you, the builder, the advantage – the edge over competitors. Using Structurwood results in faster installations, better product performance, and a stronger reputation that will keep people coming to you.

A Solid Choice

Weyerhaeuser's superior engineering protects against buckling, cupping, warping and sagging. That translates into less labor time, fewer callbacks and more satisfied customers.

Easy Installation

Each Structurwood panel is engineered to be the same as the next – free of core voids, knotholes and delamination. Consistent specifications and thickness assures that roofs lie flat and walls stand straight, making installation easier and builders more productive.

Confident and Consistent

Structurwood simply out-performs our competitors. Our panels are readily available and delivered on time, every time. Installation efficiency, product performance and a quality reputation determine a builder's success. Structurwood can help you succeed.

The Difference

How does Structurwood stack up to the alternative? Superior, here's why –

Structurwood vs. Veneered competitors

- engineered flat – stays flat
- no delamination
- no warping, buckling or core voids
- faster installation at a better value

Structurwood vs. OSB competitors

- more consistent performance
- superior reliability
- available throughout North America
- commitment to on-time delivery
- nail lines available for installation ease

Availability

Panels are available from Weyerhaeuser Customer Service Centers. Minimum quantities may be required for some orders. For more information call the Structurwood Information Line at 800.523.0824.



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Application and Handling

- ▲ Ship Structurwood under tarp. Store under roof or tarp in a dry location.
- ▲ Install with textured surface up on roofs to ensure maximum safety.
- ▲ Do not exceed the span limitations printed on each panel as part of the grading stamp.
- ▲ Use appropriate fasteners at the recommended schedule and gap panels $\frac{1}{8}$ " on the ends and edges of each panel.
- ▲ All edges are sealed for moisture and weather resistance. If any become swollen, they can be touch-sanded without structural loss. Unlike plywood, Structurwood doesn't suffer from warping, glue failures or delamination.
- ▲ Like any wood product, wood-based panels are at risk of fungal decay or rot if exposed to repeated wetting or high-moisture environments. Wood-based panels that are exposed to repeated wetting or high-moisture environments may deteriorate, lose strength, or support mold growth. For these reasons, transportation, storage, construction, installation and design must provide protection from such conditions. Examples of protection include:
 - transport under tarp;
 - storage under roof with minimum moisture exposure; and
 - wall and roof systems that protect from moisture and allow for drying.
- ▲ For complete installation instructions contact your Weyerhaeuser representative. Call 800.523.0824 or email structurwood@weyerhaeuser.com

For Roof Applications

- ▲ Check building code requirements for installation of panel edge clips. Edge clip requirements depend on the relationship of the panel Span Rating to the actual distance between roof framing.

- ▲ Cover sheathing with a shingle underlayment felt as soon as possible to minimize roof sheathing exposure to weather. If using asphalt or fiberglass shingles, postpone shingle installation as long as possible. This will provide time for the roof sheathing to adjust to humidity and moisture conditions.
- ▲ For best appearance, use heavier weight shingles, or laminated or textured shingles. This will mask surface imperfections and reduce the risk of shingle ridging.

For Wall Applications

- ▲ Structurwood sheathing panels easily meet building code wall sheathing requirements for bending and racking strength without let-in bracing.
- ▲ Sheathing panels may be used vertically or horizontally as wall sheathing over studs at 24 inches on center. When installing horizontally, block horizontal joints in panels that are used for bracing (check local code for requirements).

Product Specifications

Structurwood sheathing is manufactured in accordance with Voluntary Product Standard PS-2 which is recognized by:

The current and legacy codes promulgated by International Code Council and its members (IBC, IRC, BOCA, UBC, SBCCI, CABO); The National Fire Protection Association's NFPA 5000 U.S. Dept. of Housing & Urban Development (HUD/FHA).

In Canada, Structurwood sheathing also meets comparable requirements (CSA O325) recognized by the National Building Code of Canada and accepted by the Canada Mortgage and Housing Corporation (CMHC).

Structurwood sheathing carries the trademark of an approved independent third party inspection agency verifying ongoing compliance with the provisions of the product standard and our internal quality system requirements.