The OUTSIDER™ is the safest pressure-treated glulam beam for building outdoors

The Outsider is made of Southern Yellow Pine to a performance level of 24F/1.8E. It is pressure treated to resist rot and decay. The beam is made straight with no designated top or bottom, for easy installation. And of course, The Outsider is sized to match standard framing widths.

The OUTSIDER is treated with Copper-8, approved by the FDA

The Outsider is treated with Copper-8, an FDA approved preservative treatment, which contains solubized copper-8-quinolinolate. Copper-8 provides resistance to insects, decay, mold, mildew and bacterial growths. Pressure treatment of The Outsider is clean, non-swelling, non-leaching and non-corrosive.

- Available in lengths up to 52’
- Made with the finest E-rated southern yellow pine lumber and waterproof adhesive available
- Quality inspected by the American Institute of Timber Construction (AITC)
- Pressure treated with Copper-8 by Hoover Treated Wood Products
- Available in widths of 3 1/2”, 5 7/16” and 7” with depths that are compatible with I-joists, conventional framing and traditional glulam
- perfect for DECKS, TRELLISSES, PORCHES, BALCONIES
Recommended Applications

**The Outsider is recommended** for applications where the member may be directly exposed to the elements but will not reach the equilibrium moisture content level of 16% (the threshold for wet-use). However, moisture can accumulate around connections such as hangers and the fasteners such as bolts, nails and screws, thus leading to potential decay hazards at these locations. **The Copper-8 treatment protects these areas.**

**The Outsider is not recommended** for use in traditional wet-use applications. Some examples of wet-use applications include: Marine applications such as docks and marinas, applications where the members remain in conditions where the moisture content is at or above 16%. **The Outsider is not to be used in applications requiring any ground contact whatsoever.**

**What are “Wet-use” and “Dry-use”?**

Often, a glulam member is exposed to the elements on an intermittent basis. However, this is typically followed by drying and the beam does not reach a “wet-use” condition. Thus, “dry-use” stress values can be used even though the beam might be described as appearing to be “wet”.

The technical determination of “wet-use” is considered to be a consistent moisture content within the beam of 16% or more. It’s also necessary to emphasize that a **moisture content of 16% is rarely reached under normal outdoor conditions** unless the member is submerged in water, subjected to an artificially humid moisture condition or when in direct contact with the ground. Even in a highly humid artificial moisture environment, a moisture content of 16% is only reached in unique circumstances involving a combination of high relative humidity and a high ambient temperature, as depicted in the graphic below.

To retain an open-air moisture content of at least 16% (wet-use application), a beam must stay in a wet environment year-round, as illustrated at right.

For example, even a beam in an environment of 80% relative humidity and and ambient temperature of 70 degrees fahrenheit will not reach an equilibrium moisture content of 16%. Since a **combination of relative humidity and temperature above this range is seldom reached in the U.S.**, ambient air conditions rarely result in “wet-use” conditions. However, as previously noted, pockets of moisture may collect. The wood in these areas is protected from decay and hazards by the Copper-8 treatment.

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