

Preservative Wood Treatments of Weyerhaeuser Engineered Wood Products

Weyerhaeuser is often asked to approve or facilitate third-party application of Preservative Wood Treatments (PWT) to Weyerhaeuser Engineered Wood Products (EWP). As a rule, Weyerhaeuser will not approve or facilitate the application of PWT other than those specifically evaluated and marketed by Weyerhaeuser.

Guidance for topical coatings is provided in *Use of Topical Coatings with Weyerhaeuser Engineered Wood Products* ([TB-310](#)). However, topical coatings are typically not effective for protecting wood from decay or attack by termites where such prevention is needed.

PWT that require pressurized treatment, dipping, soaking, or other prolonged or intensive exposure to liquid fall outside the scope of [TB-310](#) and constitute special consideration. In most cases, these treatments are not compatible with EWP and result in damage or a reduction of mechanical properties. As a result, PWT must only be applied to Weyerhaeuser EWP following specifications, manufacturing standards, and quality control systems approved by Weyerhaeuser. The Weyerhaeuser limited product warranties are void if Weyerhaeuser EWP are treated at an unapproved facility or using an unapproved process.

Weyerhaeuser offers EWP with PWT for certain applications in select markets. Weyerhaeuser has carefully evaluated the effect of these treatments on Weyerhaeuser EWP and developed detailed specifications for the treatment of these products. Weyerhaeuser periodically audits the processes used by approved third-party treaters to ensure treatments remain within prescribed parameters. Table 1 provides guidance for Weyerhaeuser EWP with PWT.

TABLE 1: PRESERVATIVE WOOD TREATMENTS COMPATIBLE WITH TRUS JOIST® PRODUCTS

Product	Common End Uses	Approved Treaters	Treatment	Market Availability	Detailed Design Information
Treated Parallam® Plus PSL	Beams and columns	Culpeper Wood Preservers	MCA and CCA ^[1]	Eastern U.S.	TJ-7102
StrandGuard® TimberStrand® LSL	Interior beams, floor joists, sill plate, rim board and wall framing	Treated during manufacture by Weyerhaeuser	Zinc Borate	U.S. and Canada, including Hawaii	TJ-8100
Parallam® PSL	Interior beams and columns	Honolulu Wood Treating, LLC	Trib II®	Hawaii	TJ-1020
Microllam® LVL	Interior beams and headers	Honolulu Wood Treating, LLC	Trib II®	Hawaii	TJ-1020
TJI® joists	Interior floor and roof joists	Honolulu Wood Treating, LLC	Tru-Core® Type 1	Hawaii	TJ-1020

[1] MCA = micronized copper azole and CCA = chromated copper arsenate.

If you have any questions, please contact your Weyerhaeuser representative.