

Re-Sawing Microllam® LVL, Parallam® PSL and TimberStrand® LSL

The following policy addresses re-sawing of Microllam® LVL, Parallam® PSL and TimberStrand® LSL into smaller dimensional sections for use in structural applications and includes specific recommendations for Parallam® Plus PSL. Failure to comply with these provisions voids any and all express, implied or written warranties for Weyerhaeuser products.

Untreated Microllam® LVL, Parallam® PSL or TimberStrand® LSL

These Weyerhaeuser products may be re-sawn down to depths of 3½" (89 mm). Additionally, Parallam® PSL and TimberStrand® LSL may be re-sawn down to thicknesses of 1¾" (44 mm); Microllam® LVL must maintain original thickness.

Caution must be taken to assure that all grade stamp information is maintained for any product used in structural applications. When product grade information is removed, the product shall not be used for structural applications unless Weyerhaeuser's third party quality agency, PFS Corporation, approves and monitors the application of additional stamps. A manufacturing standard written by the fabricator and approved by Weyerhaeuser and the third party agency is necessary. The allowable design stresses of re-sawn sections cut into approved structural sizes are covered under the applicable code evaluation reports and shall be re-stamped as indicated in the approved manufacturing standard of the fabricator.

Fabricators using the product for internal purposes only, such as factory built or mobile modular manufacturers, may elect to use sections without grade stamps in structural applications. In such situations, all products with structural identification stamps removed shall be assumed as 1.9E for Microllam LVL, 2.0E for Parallam PSL or 1.3E for TimberStrand LSL. It is the responsibility of the fabricator to provide traceability in their "quality system" that the product used in these applications was cut from original on-grade structural product. Such fabricators are not to carry inventory of both non-structural and structural grades of products.

Depth and thickness dimensions of finished pieces shall maintain tolerances no greater than $\pm 1/16$ " of nominal (1.5 mm). Plumb cuts shall be square to $1/16$ " per foot of height of finished product. No camber or curvature that exceeds ½" (12 mm) per 48 feet of length in the finished beam shall be introduced by the cutting. Smaller lengths shall be allowed curvature of similar ratio.

Re-sawing the material may remove sealant that Weyerhaeuser applies to minimize swelling. Extra precautions may be necessary when removing this protection. Users are cautioned to avoid prolonged exposure to moisture by keeping product dry and protected. The application of a commercially available wood sealer may provide some protection if delays in installation are expected.

Care shall be taken to only re-saw dry material. This is critical for dimensional stability as well as to meet design requirements for "dry use" applications.

Weyerhaeuser guarantees that the allowable design stresses stated within our ICC ES and CCMC evaluation reports are applicable to re-sawn product that is processed in accordance with this policy. Weyerhaeuser has no control on how fabricators re-saw product; therefore, cannot guarantee or accept responsibility for the dimensional tolerances or finished surface appearance.

Parallam® Plus PSL

Parallam® Plus PSL must maintain its original cross section and shall not be re-sawn in depth or thickness. Parallam® Plus PSL may be cut to length.