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## **Technical Bulletin (TB-LVL-1)**

Subject: Ripping of Murphy Company LVL  
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Occasionally, it is necessary to rip down Murphy Company LVL (laminated veneer lumber) to a shallower depth that is not one of our standard manufactured depths. A “ripped” cut is one that occurs along the length of the beam parallel to the grain. There is no structural penalty for ripping down Murphy Company LVL. In fact, this is how our standard depths are manufactured from wider billets in the manufacturing plant.

Design / installation considerations:

- The LVL must be structurally evaluated for the material properties of the shallower depth.
- The cut should be consistent and straight along the length of the LVL. Uneven cuts may present issues with installation of finish materials.
- The ripped edge will lose the factory-applied sealant. The purpose of this sealant is to inhibit moisture absorption which can cause the LVL to swell or warp. Thus, it is important to install the ripped LVL as soon as possible, or maintain the LVL in a dry condition until it can be installed. See the Murphy Company LVL Design Manual for proper storage and handling of LVLs.
- Maintain product labelling and grade stamps on the portion of ripped LVL that is used.

This technical bulletin is intended for use with Murphy Company products and offers general guidelines for topics that may not be covered in our literature. Appropriateness of details for a specific project should be evaluated by a qualified designer. This technical bulletin may be periodically updated. Check our website to ensure that you have the most recent version.

For more information, contact your Murphy Company Sales Representative.

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