

 **Pollmeier**

Pollmeier.com

Pollmeier™ LVL – 2.1E

Made in Germany



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The Pollmeier Difference

- Pollmeier™ LVL 20 % lighter than SYP
- Lengths up to 48'
- Water protective coating with Lignopro 103 available
- Scarf veneer joints are standard
- Visual face grade veneers selected
- Precision thickness sanding without upcharge
- Private label options available on request

The strength is in the engineering

Pollmeier™ LVL is made in Germany, in Europe's most modern laminated veneer lumber factory. Raw material procurement targets slow grown, selected logs from surrounding, sustainably managed forests. The logs are peeled to veneers which are ultrasonically and visually graded. The veneers are arranged in a specific pattern using scarf joints to maximize the strength, stability and stiffness and to disperse the naturally occurring characteristics of wood, such as knots, that can weaken a sawn lumber beam. The veneers are then bonded with waterproof adhesives under pressure and heat. The entire production process, from the log to the finished product, runs under one roof with highest quality control standards. Pollmeier™ LVL beams are exceptionally strong, solid and straight, making them excellent for most primary loadcarrying beam applications.

Lifetime Limited Warranty

Pollmeier™ LVL is backed by a lifetime limited warranty.

Sustainable

Pollmeier™ LVL is a building material with built-in environmental benefits. It is made of wood veneer, a renewable resource. Pollmeier uses PEFC certified forest management and procurement systems, which help ensure wood comes from well managed forests. In Pollmeier's manufacturing process, no part of the log goes to waste.



04-4-0007



Pollmeier's state-of-the-art LVL factory in Creuzbug, Germany.

Pollmeier™ LVL – 2.1E Product Specifications & Design Values

Allowable Stress Design Values (PSI) ¹⁾

Grade	Bending Stress F _b (edgewise)	Mod. of	Mod. of	Shear Stress F _v (edgewise)	Compression Stress	
		Elasticity E _{True} (x10 ⁶)	Elasticity E _{App} (x10 ⁶)		Parallel to Grain F _c	Perp. to Grain F _{c⊥} (edgewise)
3080 F _b -2.1E	3080	2.1	2.0	320	3080	600

Pollmeier™ LVL – 2.1E Available Sizes

Thickness	1-1/2"	1-3/4"	3-1/2"	5-1/4"	7"
Depth	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"
	9-1/2"	9-1/2"	9-1/2"	9-1/2"	9-1/2"
	11-1/4"	11-1/4"	11-1/4"	11-1/4"	11-1/4"
	11-7/8"	11-7/8"	11-7/8"	11-7/8"	11-7/8"
	14"	14"			
	16"	16"			
	18"	18"			
	20"	20"			
	24"	24"			

Any individual size in between our standard dimensions on request.

Standard depth as shown above.

Standard length from 8' to 48'.

Connectors and Fastening Systems

We recommend the use of Simpson Strong-Tie® connectors and fastening systems with Pollmeier™ LVL.

Please refer to: Strongtie.com



¹⁾ Always consider ICC-ES Evaluation Report ESR-4618 for adjusting the allowable design properties.

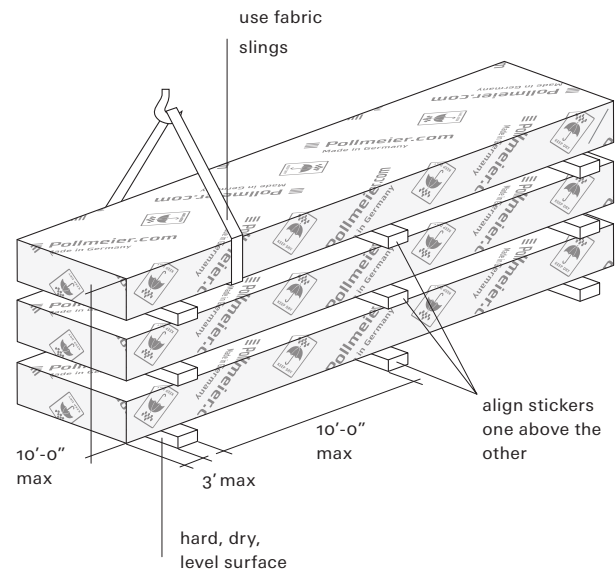
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Handling & Storage Guidelines

Warning: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

- Keep Pollmeier™ LVL dry. These products are intended to resist the effects of moisture on structural performance from normal construction delays but are not intended for permanent exposure to the weather.
- Unload products carefully, by lifting. Support the bundles to reduce excessive bowing. Individual products should be handled in a manner which prevents physical damage during measuring, cutting, erection, etc.
- Keep products stored in wrapped and strapped bundles, stacked no more than 10' high. Support and separate bundles with 2 x 4 (or larger) stickers spaced no more than 10' apart. Keep stickers in line vertically.

- Product must not be stored in contact with the ground, or have prolonged exposure to the weather.
- Use forklifts and cranes carefully to avoid damaging product.
- Do not use a visually damaged product. Call your local Pollmeier™ LVL products distributor for assistance when damaged products are encountered.
- For satisfactory performance, Pollmeier™ LVL must be used under dry, covered and well-ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.
- For built-up members, Pollmeier™ LVL shall be dry before nailing or bolting to avoid trapping moisture.
- Pollmeier™ LVL shall not be used for unintended purposes such as ramps and planks.



During ramp-up phase we support our US office. Please address your inquiries directly to us.

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