Synergy between
ENGINEERING & SUSTAINABILITY

VMG LIGNUM

MADE FOR U.S. MARKET

VMG LIGNUM LVL

2.0E & 1.4E Grades

vmg-lignum.eu

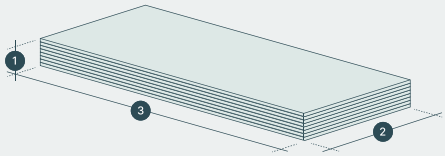
LAMINATED VENEER LUMBER

VMG LIGNUM LVL

Grades

2.0E Fb 3050 psi & **1.4E** Fb 1850 psi

MANUFACTURING CAPABILITIES



① Standard thicknesses:	1-1/2", 1-3/4", 3-1/2"
② Depth	3-1/2" - 72"
③ Length	Up to 60'

Optional protection: Water-resistant coating and sealed edges

Lengthwise joining: Scarf-jointed LVL sections

KEY BENEFITS OF OUR LVL

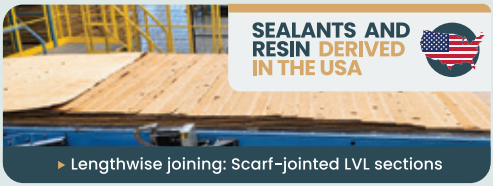
- Available in lengths up to 60ft
- Easy to handle and install
- Consistent shape and size
- Stronger and straighter than sawn timber
- Superior dimensional stability and longer spans
- Customizable shapes for different applications
- Tolerant of holes and notches
- High strength-to-density ratio
- Efficient and sustainable use of wood resources

ENGINEERED FOR

U.S. CONSTRUCTION

VMG LIGNUM LVL combines engineered strength, dimensional stability, and consistent quality for a wide range of residential, commercial, and public construction projects. Evaluated under ICC-ES ESR-5621, it offers documented structural performance for specified applications and conditions of use.

▸ Water based sides yellow sealant/green colored wax-based edge sealant



▸ Lengthwise joining: Scarf-jointed LVL sections

VMG LIGNUM LVL STRUCTURAL APPLICATIONS:

Beams and Headers
Load-bearing beams and headers

Floor Framing
Floor beams and supporting members

Roof Framing
Rafters, ridge beams and roof supports

Wall Framing
Structural framing components

Custom Applications
Project-specific structural solutions

Engineered Wood Structures
Selected structural applications

BEAM ORIENTATION[3]					PLANK ORIENTATION[3]					AXIAL	
Modulus of elasticity		Bending [7,8]	Shear	Compression Perp-to-Grain	Modulus of elasticity		Bending	Shear	Compression Perp-to-Grain	Compression	Tension
E true[4]	E apparent[5,6]	F_b	F_v	$F_{c\perp}$ [10]	E true[4]	E apparent[5,6]	F_b	F_v	$F_{c\perp}$ [10]	F_c	F_t [9]
(x10⁶ psi)	(x106 psi)	(psi)	(psi)	(psi)	(x106 psi)	(x106 psi)	(psi)	(psi)	(psi)	(psi)	(psi)
1.4	1.3	1,850	250	550	1.4	1.3	2,200	150	300	2,300	1,600
2.0	1.9	3,050	350	700	2.0	1.9	3,300	150	380	3,000	2,700

We are

A GLOBAL LEADER IN LARGE-SCALE MASS PRODUCTION

4M+
cu ft/year

SUSTAINABLE RAW MATERIAL CAPACITY

Highly
Automated Production

EFFICIENCY AND CONSISTENT QUALITY

Large-Scale
Manufacturing

ONE OF THE LARGEST LVL PRODUCERS IN EUROPE

Direct
Supply

RELIABLE DELIVERY TO GLOBAL MARKETS

01

VERIFIED PERFORMANCE. RESPONSIBLY SOURCED

VMG LIGNUM LVL is supported by recognized technical evaluations and environmental documentation, providing confidence in product performance and responsible sourcing.

02

BALTIC-SOURCED SCOTS PINE

Manufactured from Scots pine (Pinus sylvestris) sourced in Lithuania, part of Europe's Baltic region, from verified suppliers meeting FSC® requirements.

03

TECHNICAL & ENVIRONMENTAL DOCUMENTATION

CE EN 13986

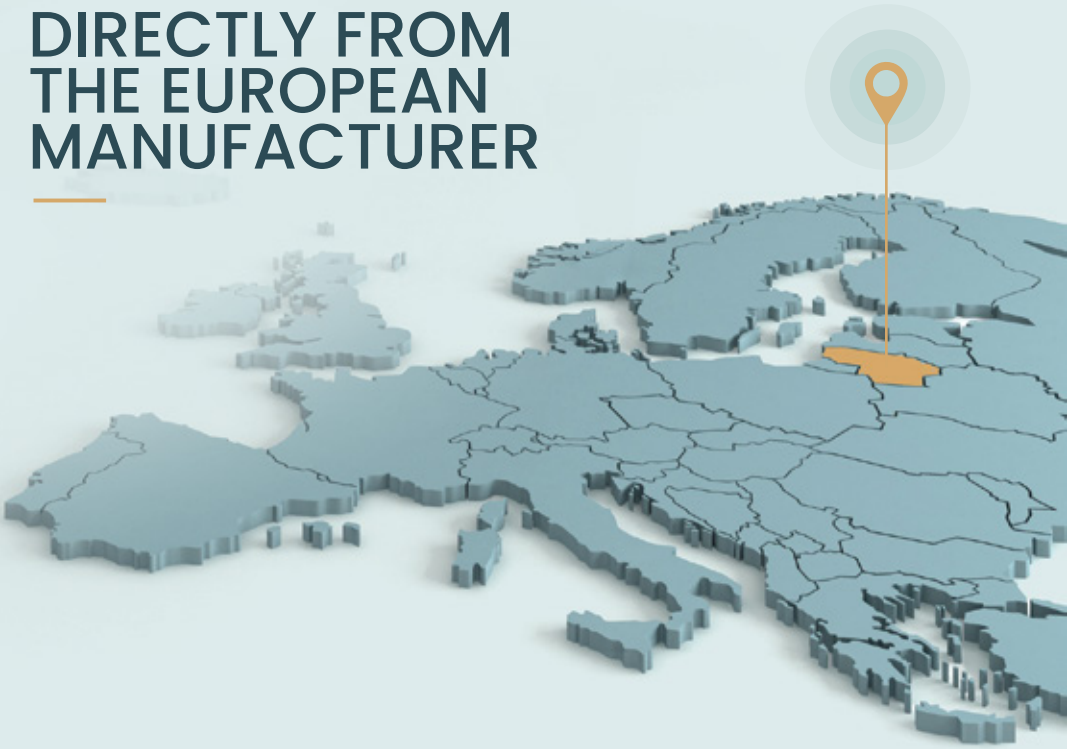
FSC www.fsc.org FSC® C106244 The mark of responsible forestry

EPD

ICC ES ESR-5621

ENGINEERED LVL

DIRECTLY FROM THE EUROPEAN MANUFACTURER



LVL GRADES

2.0E & 1.4E

ANNUAL LVL CAPACITY

4M+ cu ft

LVL GRADES

ICC-ES ESR-5621

WOOD SPECIES

Lithuanian Scots Pine

WHY CHOOSE VMG LIGNUM LVL?

PRECISION & STABILITY
Consistent dimensions and dimensional stability for reliable structural performance and easier installation.

SIMPLER INSTALLATION.
Wide LVL sections can reduce the number of plies required in selected applications, simplifying assembly and installation.

ENGINEERED STRENGTH
High strength-to-weight ratio and structural performance for demanding load-bearing applications

CONSISTENT PERFORMANCE
Engineered to reduce twisting, shrinking and splitting, ensuring predictable performance and long-term dimensional stability.

YOUR EUROPEAN LVL SUPPLY PARTNER

Partner directly with a large-scale European LVL manufacturer offering production capacity, flexible product dimensions, and technical documentation for the U.S. market.

DIRECT MANUFACTURER ACCESS
Work directly with the producer to discuss product specifications and supply requirements

FLEXIBLE PRODUCT DIMENSIONS
Explore LVL sizes and configurations tailored to your project and market needs.

INDUSTRIAL-SCALE CAPACITY
Over 4 million cubic feet of annual LVL production capacity.

U.S. TECHNICAL DOCUMENTATION
ICC-ES ESR-5621 evaluation report and product specifications for informed purchasing decisions

THE SCALE TO SUPPLY. THE FLEXIBILITY TO FIT.

VMG LIGNUM

VMG LIGNUM

LET'S BUILD YOUR LVL SUPPLY PLAN.

Tell us what you need. We'll help you review product specifications, documentation and supply options.

REQUEST A PRODUCT & SUPPLY DISCUSSION

- GRADES
- DIMENSIONS
- ESTIMATED VOLUME
- U.S. DESTINATION

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