



VMG LIGNUM

Synergy between ENGINEERING & SUSTAINABILITY



ENGINEERED WOOD PRODUCTS



**VMG LIGNUM
LVL**
Laminated veneer
lumber



**VMG LIGNUM
JOIST**
I-Joists with
oriented strand
board (OSB)



**VMG LIGNUM
JOIST**
I-Joists with
construction
particle board



**Structural
particle board P5
certification**



**Laminated
veneer lumber
certification**



All VMG LIGNUM products are certified and made from 100% Lithuanian sustainably sourced wood. The wood we use is purchased only from verified suppliers who meet all FSC® requirements. All of our wood-based products are FSC® -certified.

VMG LIGNUM is proud to manufacture and supply engineered wood products: LVL and I-Joists

Our high-quality products are perfect for residential, commercial, public construction projects, and are available for direct purchase from our well-stocked warehouse.

Our mission is to enhance project flexibility and speed for construction companies by offering a diverse range of engineered wood products and services.

SUSTAINABLE ENGINEERED WOOD PRODUCTS DIRECTLY FROM THE EUROPEAN MANUFACTURER

VMG LIGNUM JOIST (I-Joists) beams

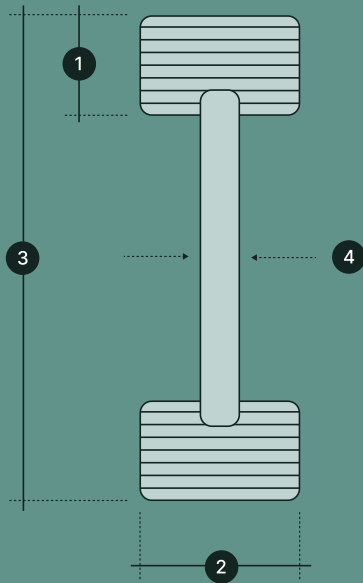
- **I-Joists production capabilities:**
50 million linear feet/year
- **Our I-Joists are made from:**
E2.0 LVL / web OSB3 or structural particle board P5

ADVANTAGES:

- Dimensional stability and longer spans.
- Help prevent cold bridges.
- I-joists are engineered to be lightweight, significantly reducing working hours and labour costs.
- I-Joists are meticulously engineered and manufactured for unparalleled reliability. Each piece is carefully designed, consistently crafted and professionally inspected to ensure you receive the same high-quality product every time.
- Our I-Joists only use about half the wood of dimension lumber. The raw materials for VMG LIGNUM BCI and AJS I-joists are sourced from sustainable, responsibly managed forests. Maximising log usage and minimising waste in the manufacturing process is one of our priorities. Bark and material residuals are converted into carbon-neutral biomass fuel, providing over 70% of the energy required for our production. This approach helps us maintain low emissions and reduce reliance on fossil fuels, ensuring our commitment to sustainability.



VMG LIGNUM JOIST AVAILABLE DIMENSIONS:



1. Flange height: 1 1/2" - 1 3/4"
2. Flange width: 1 3/4" - 3 1/2"
3. I-Joist depth: 9 1/2" - 18"
4. Web thickness: 3/8"
5. Length: Up to 60ft

I-Joists available with water-resistant coating or anti-termite treatment.

Our main products: VMG Lignum Joist 45, VMG Lignum Joist 60 and VMG Lignum Joist 90. For detailed specifications, please refer to page 8.



SUSTAINABLE ENGINEERED WOOD PRODUCTS DIRECTLY FROM THE EUROPEAN MANUFACTURER

VMG LIGNUM LVL

(Laminated veneer lumber)

— **LVL production capabilities:**
over 4 million cubic feet/year

— **Our LVL is made from:**
local pine wood

ADVANTAGES:

— Precise dimensions, stable geometry.

— Long spans with minimal deformation.

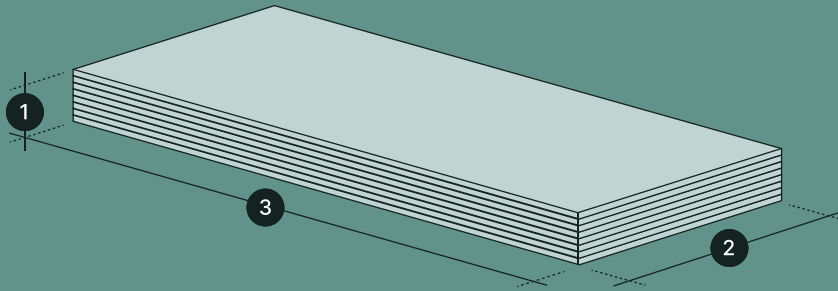
— Easy processing and installation.

— LVL features wide widths that eliminate the necessity for multi-ply members. This innovative design not only simplifies installation, but also enhances structural integrity, offering a cost-effective solution for your building needs.

— Our beams and headers resist twisting, shrinking and splitting, resulting in flatter, quieter floors and stronger structures. This reliability saves time and safeguards your reputation by delivering consistent performance and durability.



VMG LIGNUM LVL AVAILABLE DIMENSIONS:



VMG LIGNUM LVL 2.0E DIMENSIONS:

1. Thickness: 13/16" - 7"
2. Width: 1 25/32" - 72"
3. Length: up to 60ft

LVL available with water-resistant coating or anti-termite treatment.

VMG LIGNUM LVL 1.4E DIMENSIONS:

1. Thickness: 13/16" - 3 17/32"
2. Width: 1 25/32" - 72"
3. Length: up to 60ft

LVL available with water-resistant coating or anti-termite treatment.



Our main products: VMG Lignum LVL 2.0E and VMG Lignum LVL 1.4E.
For detailed specifications, please refer to page 8.

VMG LIGNUM STANDARD ASSORTMENT

VMG LIGNUM JOIST STANDARD ASSORTMENT

Product name	Flange Width	Flange Depth	Joist Depth	Web thickness	Length
VMG Lignum Joist 45	1 1/2"	1 3/4"	9 1/2"	3/8"	Up to 40ft
VMG Lignum Joist 45	1 1/2"	1 3/4"	11 7/8"	3/8"	
VMG Lignum Joist 45	1 1/2"	1 3/4"	14"	3/8"	
VMG Lignum Joist 45	1 1/2"	1 3/4"	16"	3/8"	
VMG Lignum Joist 60	1 1/2"	2 5/16"	9 1/2"	3/8"	
VMG Lignum Joist 60	1 1/2"	2 5/16"	11 7/8"	3/8"	
VMG Lignum Joist 60	1 1/2"	2 5/16"	14"	3/8"	
VMG Lignum Joist 60	1 1/2"	2 5/16"	16"	3/8"	
VMG Lignum Joist 90	1 3/4"	3 1/2"	11 7/8"	3/8"	
VMG Lignum Joist 90	1 3/4"	3 1/2"	14"	3/8"	
VMG Lignum Joist 90	1 3/4"	3 1/2"	16"	3/8"	
VMG Lignum Joist 90	1 3/4"	3 1/2"	18"	3/8"	

I-joists available with water-resistant coating or anti-termite treatment.

VMG LIGNUM LVL STANDARD ASSORTMENT

Product name	Width	Depth	Length
VMG Lignum LVL 2.0E	1 1/2"	3 1/2"- 24"	Up to 40ft
VMG Lignum LVL 2.0E	1 3/4"	3 1/2"- 24"	
VMG Lignum LVL 2.0E	3 1/2"	3 1/2"- 24"	
VMG Lignum LVL 2.0E	5 1/4"	7 1/4" - 18"	
VMG Lignum LVL 2.0E	7"	7 1/4" - 18"	
VMG Lignum LVL Light 1.4E	3 1/2"	3 1/2"	Up to 20ft
VMG Lignum LVL Light 1.4E	3 1/2"	5 1/2"	
VMG Lignum LVL Light 1.4E	3 1/2"	7 1/4"	

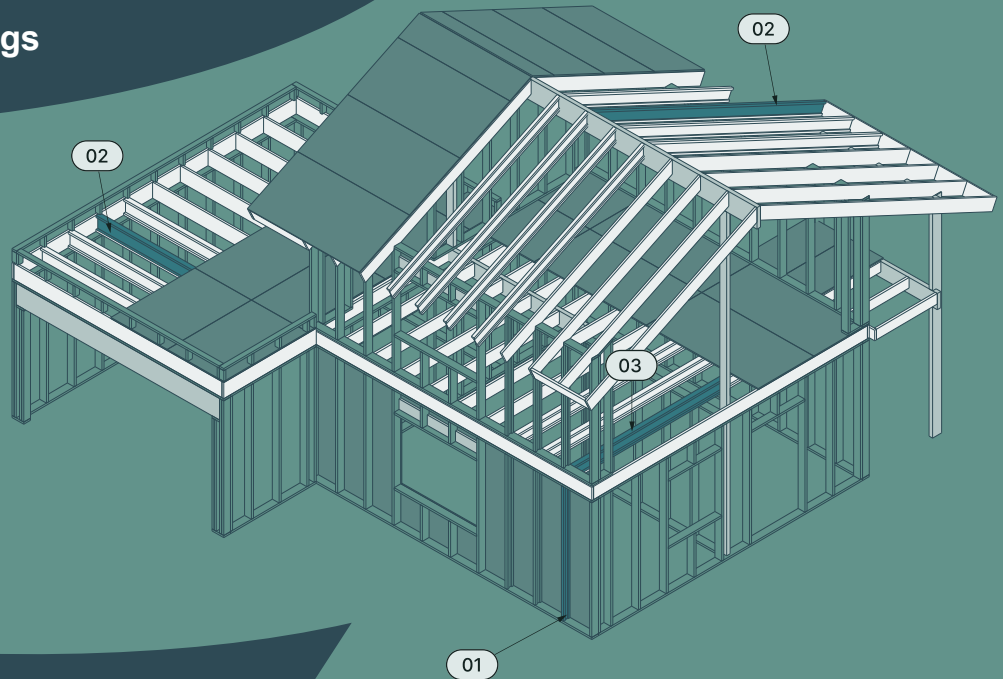
LVL available with water-resistant coating or anti-termite treatment.



AREAS OF APPLICATION OF VMG LIGNUM I-JOIST AND LVL PRODUCTS:

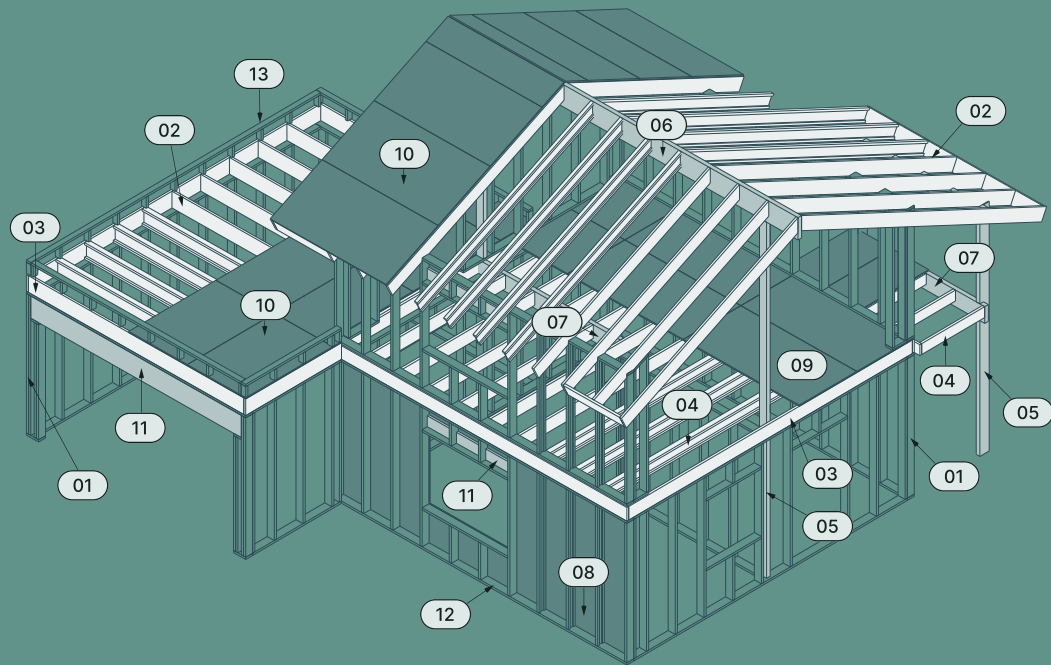
VMG LIGNUM JOIST
are suitable for buildings
of light structures:

- ① Wall studs
- ② Roof rafters
- ③ Ceiling beams



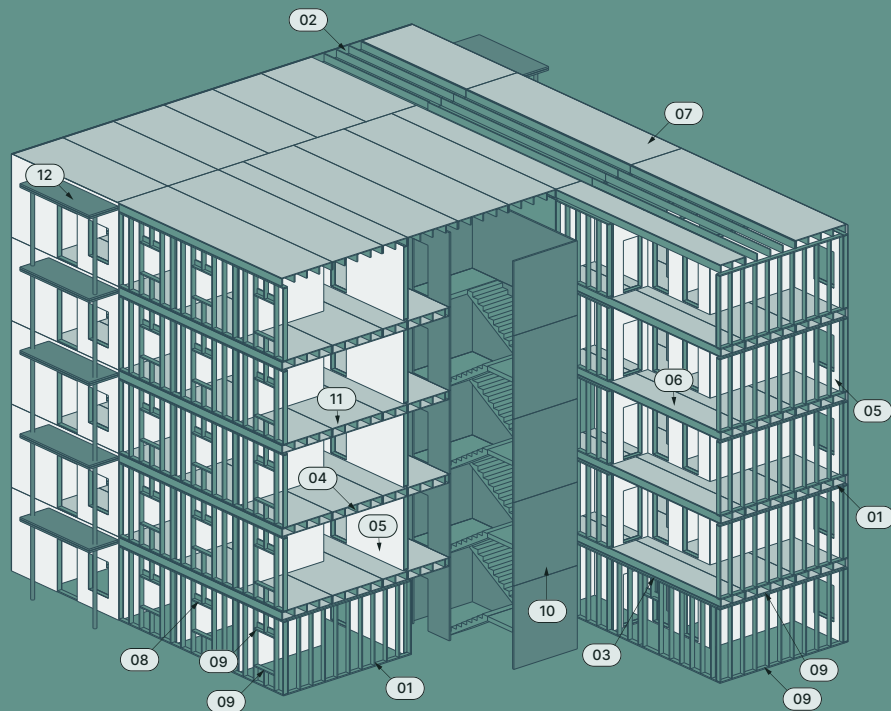
In a single-family home, VMG LIGNUM LVL is used for:

- ① Wall studs
- ② Roof rafters
- ③ Rim boards
- ④ Floor joists
- ⑤ Columns
- ⑥ Ridge beams
- ⑦ Floor beams
- ⑧ Bracing panels
- ⑨ Floor panels
- ⑩ Roof panels
- ⑪ Lintels
- ⑫ Ledger beams
- ⑬ Parapet walls



In a multi-storey building, VMG LIGNUM LVL is used for:

- ① Stud
- ② Roof rafter
- ③ Ceiling framing beam
- ④ Combined closed ceiling panel
- ⑤ Stiffness panel / wall panel
- ⑥ Ceiling panel
- ⑦ Roof panel
- ⑧ Lintel
- ⑨ Wall and window beam
- ⑩ Wall panel; lift shaft panel
- ⑪ Combined open ceiling panel
- ⑫ Balcony floor / roof panel



Let's make this the first step in building
a strong, long-lasting partnership

LITHUANIA

European Union Member State



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