

VMG LIGNUM LVL – PRODUCT HANDLING AND STORAGE GUIDELINES

VMG Lignum LVL, like all engineered wood products, must be transported, handled and stored correctly to maintain its structural performance, dimensional stability and product quality.

1. DELIVERY INSPECTION

Upon delivery, all products must be inspected before unloading or as soon as practically possible.

- Inspect all packages for quantity, identification and visible transport damage.
- Verify that product stamps, labels and package information match the delivery documents.
- Record any visible damage, missing units or delivery discrepancies on the transport documents.
- If visible damage is detected, it should be reported to VMG Lignum construction without delay.
- Damaged or questionable products should not be used for structural applications before further assessment.

2. TRANSPORTATION AND UNLOADING

VMG Lignum LVL must be protected from damage and moisture during transport, unloading and handling.

- Protect LVL from rain, snow, standing water and splash water during transport and unloading.
- Use covered transport or suitable weatherproof protection whenever possible.
- Use approved lifting slings or forklift equipment suitable for the package weight and dimensions.
- Chains or steel cables must not come into direct contact with the product.
- Use sufficiently wide forklift forks to avoid damage to edges and surfaces.
- Do not push, drag, drop, impact or excessively bend LVL elements during handling.
- When lifting multiple packs, ensure that the equipment is stable and suitable for the total load.



3. STORAGE REQUIREMENTS

Correct storage is essential to maintain the dimensional stability and quality of VMG Lignum LVL.

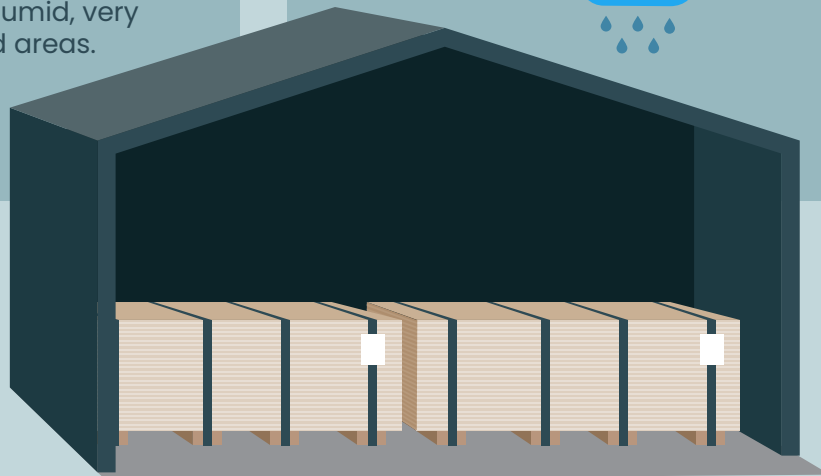
- Store products flat on a level, dry and load-bearing surface.
- Do not store LVL directly on the ground.
- Keep packages at least 300 mm above ground on suitable bearers.
- Protect products from direct contact with water, snow and prolonged sunlight exposure.
- Use bearers, battens or spacers to support packages evenly.
- Align bearers and spacers vertically between stacked packs to prevent twisting, bending or deformation.
- Keep packaging intact until installation whenever possible.
- Do not store heavy materials on top of LVL packages.



4. VENTILATION AND WEATHER PROTECTION

Stored LVL must be protected from weather while allowing sufficient air circulation.

- Ensure adequate ventilation around stored products.
- When stored outdoors temporarily, cover packages with a waterproof protective cover.
- Protective covers must allow air circulation to reduce the risk of condensation.
- If products are wrapped, open the underside of the packaging where appropriate to allow moisture to escape.
- For longer outdoor storage, inspect the condition of the protective cover and the products regularly.
- Replace or repair damaged covers immediately.
- Avoid storage in very humid, very hot or poorly ventilated areas.



5. HANDLING ON SITE

VMG Lignum LVL should be handled with care at all stages of use.

- Wear suitable gloves when handling individual parts.
- Avoid damage to edges, corners and surfaces.
- Do not drag or drop individual LVL pieces.
- Do not walk on unstable, wet or slippery packaging.
- Use conventional woodworking tools for cutting, drilling and fastening.
- Follow project-specific structural design and installation requirements.



6. MOISTURE EXPOSURE

Excessive moisture exposure may affect the appearance, dimensions and performance of LVL products.

- If products become wet, move them to a dry and well-ventilated area.
- Allow wet products to dry before installation.
- Avoid rapid or uneven drying conditions.
- Excessive moisture exposure may cause swelling, dimensional changes, staining or mould growth. Any mould present on the product must be removed immediately by sanding or by applying an appropriate fungicidal treatment before installation.
- Do not install damaged, deformed or structurally compromised products.
- If there is any doubt about product suitability, contact VMG Lignum before use.

