

CLT 3-PLY PANELS

SAFETY INSTRUCTION DATA SHEET

1. Product Identification

- Product Name: CLT 3-Ply Panels
- Material Composition: Cross-laminated timber of hardwood/softwood (spruce, pine, or custom species)
- Thickness: 27mm
- Intended Use: Structural applications in construction.
- Manufacturer: Treecraft N.V.
- Compliance Standards: EN 13986

2. Material Safety Data

Hazards Identification

- Dust Hazard: Cutting, sanding, or machining generates fine wood dust, which may cause respiratory irritation.
- Chemical Exposure: Adhesives may contain formaldehyde (compliance with E1 emission standards).
- Physical Hazards: Sharp edges, splinters, or improper handling may cause cuts or abrasions.

First Aid Measures

- Inhalation: Relocate the person to an area with fresh air. Seek medical attention if respiratory discomfort persists.
- Skin Contact: Wash with soap and water. Remove splinters promptly.
- Eye Contact: Flush eyes with water for 15 minutes. Consult a physician if irritation continues.

3. Handling & Storage

Handling:

- Use gloves to avoid splinters.
- Lift panels with care; avoid bending or dragging.
- Secure panels during transport to prevent shifting.

Storage:

- Store flat on a dry, level surface with support bearers every 600mm.

- Protect from moisture, direct sunlight, extreme temperatures, poor ventilation and prolonged water immersion (which reduces lifespan).
- Avoid direct contact with ground, soil, dust, or debris.
- Stack height must not exceed manufacturer-recommended limits.

4. Operational Safety Guidelines

Cutting & Machining

- Tools: Use sharp, carbide-tipped blades or router bits.
- Dust Control: Equip tools with dust extraction systems. Wear certified respirators and safety goggles or face shields to protect against airborne dust and flying debris.
- Guarding: Ensure saws/routers have blade guards and safety switches.

Installation

- Load Limits: Do not exceed maximum static/dynamic load capacities
- Ventilation: Ensure adequate airflow
- Expansion Gaps: Maintain 2mm per meter between panels and fixed structures.

Fire Safety

- Untreated CLT panels are combustible. For fire-rated applications, use FR-grade products in accordance with applicable local regulations.
- Fire Retardants: Follow local codes for fire-resistant coatings or treatments.
- Emergency Procedures: Use water, foam, or CO₂ extinguishers. Evacuate area if uncontrolled.

5. Warranty & Liability

- Warranty: Valid only if maintained per Treecraft guidelines.
- Exclusions: Damage from misuse, environmental exposure, or unapproved modifications voids warranty.
- Liability: Treecraft disclaims liability for indirect, consequential, or incidental damages.
- See <https://www.treecraft.be/terms-conditions> for more.

Revision Date: 2025-07-22

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