

# CPR System: Wooden Pallet 1208

## Sustainability Fact Sheet

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Product ID (PrimePack AG): 32-101

### Sustainable by Nature

The CPR System Wooden Pallet 1208 is crafted from sustainably sourced European softwood. Wood is nature's original circular material, it sequesters carbon as it grows, stores it throughout the product's lifetime, and returns to the cycle at end of life.

### Climate Impact

Metric	Value	Scope
GWP production phase	2.1 kg CO <sub>2</sub> e per pallet	Cradle-to-gate
GWP full lifecycle	-1.8 kg CO <sub>2</sub> e per pallet	Cradle-to-gate
Carbon storage in wood (biogenic)	-5.6 kg CO <sub>2</sub> e per pallet	During use phase
End-of-life (wood chip recycling)	+1.7 kg CO <sub>2</sub> e per pallet	Disposal credit

**Our wooden pallets are carbon-negative over their full service life.** The carbon stored in the timber during forest growth more than offsets the emissions from production, transport, and end-of-life processing.

Methodology: Internal LCA by CPR System, based on ISO 14044. Functional unit: 1 pallet, 10-trip expected lifetime. Emission factors from ecoinvent 3.8 database. Results have not been independently verified.

### Material Sourcing

- **Timber origin:** 100% European softwood (pine and spruce), sourced from sustainably managed forests
- **FSC certification:** CPR System holds FSC Chain of Custody certification (certificate reference: FSC-C147829). All Wooden Pallet 1208 timber is FSC-certified.
- **ISPM 15:** All pallets are kiln-dried to comply with international phytosanitary standard ISPM 15 (heat treatment, no methyl bromide fumigation)
- **No tropical hardwood** used in any CPR System product

## End of Life

The Wooden Pallet 1208 is designed for repair and reuse:

- **Expected service life:** 8–10 trips before first repair needed
- **Reparability:** Boards can be replaced individually; full pallet replacement rarely required before 20+ trips
- **End-of-life options:** Wood chips (particle board), biomass energy, composting

## Important Note on Data Verification

The environmental figures in this fact sheet are based on an internal lifecycle assessment conducted by CPR System using industry-standard methodology (ISO 14044). CPR System plans to commission an independent EPD for this product line by end of 2025.