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Carbon Footprint Dashboard for itfmuyrlgq

Generated: May 28, 2026 | Company: jgmpfkslvp | Standard: GHG Protocol

17.73 kg CO2e

carboncalcpcf.com

TOTAL FOOTPRINT

17.73 kg CO2e

CARBON INTENSITY

17.73 kg CO2e/unit

TOP MATERIAL HOTSPOT

Steel Frame

PRIMARY EMISSION SCOPE

Scope 3 (Use Phase)

Key Findings & Highlights

- **Use Phase Dominance:** The most significant hotspot is the product's Use Phase (15.00 kg CO2e, 85.17% of total), driven by its energy consumption over its lifespan.
- **Material Impact:** Purchased Goods and Services (materials, 2.48 kg CO2e, 14.07%) represent the second largest contributor, indicating the importance of material selection.
- **End-of-Life Benefits:** High recyclability (70%) and active circular/take-back programs result in a net negative contribution (-1.26 kg CO2e) for the End-of-Life stage.

Action Plan: How to Reduce Carbon Footprint

- **Optimize Use Phase Energy:** Invest in R&D to significantly improve the energy efficiency of "itfmuyrlgq" during its operational life.
- **Sustainable Material Sourcing:** Investigate alternative materials with lower embodied carbon, increase the use of recycled content, and collaborate with suppliers.
- **Enhance Circularity:** Continue to strengthen circular/take-back programs and explore design for disassembly to maximize recyclability and material recovery rates.
- **Decarbonize Production:** Increase the proportion of renewable energy used in manufacturing and explore energy efficiency measures within the production facility.
- **Logistics Optimization:** Optimize transport routes, explore lower-emission transport modes where feasible, and consolidate shipments.
- **Data Improvement:** Implement a robust system for collecting primary data for BOM, energy consumption, and logistics for future accuracy.