

product ID: FREB-7-TYN

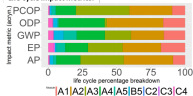
plant name: Jiaxing City

description: Engineered wood flooring, European Oak, width=189mm, thickness=14mm

Declared functional unit: m2

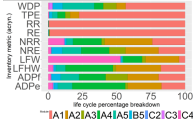
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|--|--|
| Declaration Owner: | Allwood Group, LLC |
| | 10189 SW Avery St |
| | Tualatin, OR |
| | www.allwoodgrp.com |
| Program Operator: | P3 Optima |
| | 537, McLeod Street |
| | Ottawa, ON - K1R5R2 |
| | https://p3optima.com/ |
| Product Category Rule: | Product Category Rule (PCR) Guidance for Building-Related Products and Services, Part B: Flooring EPD Requirements |
| | PCR Program Operator: UL Environment |
| | PCR review was conducted by: Jack Geibig, Chair, Ecoform, jgeibig@ecoform.com. Thaddeus Owen, hiper4m@gmail.com. Thomas Gloria, PhD, Industrial Ecology Consultants, t.gloria@industrial-ecology.com. |
| Independent LCA Reviewer and EPD Verifier: | This declaration was independently verified in accordance with ISO 14025:2006. The UL Environment "Part A: Calculation Rules for the Life Cycle Assessment and Requirements on the Project Report," v3.2 (September 2018), based on ISO 21930:2017 and CEN Norm EN 15804 (2012), serves as the core PCR, with additional considerations from the USGBC/UL Environment Part A Enhancement (2017). |
| | Independent verification of the declaration, according to ISO 14025: 2006 |
| | Internal ; External X |
| | Third Party Verifier |
| | Geoffrey Guest, Certified 3rd Party Verifier under the P3Optima Program (www.P3Optima.com), CSA Group (www.csaregistries.ca) |
| Date of Issue: | 17 August 2021 |
| Period of Validity: | 5 years; valid until 18 August 2026 |
| EPD Number: | 2b47c3db-2083-4da5-9207-e667fb405ab1 |

Life cycle impact metrics:



| acryn. | impact.category.name | value | units |
|--------|-----------------------------------|----------|-----------|
| PCOP | photochemical oxidation potential | 0.139 | kg O3eq |
| ODP | ozone layer depletion potential | 2.22e-06 | kg CFC-11 |
| GWP | global warming potential | 18.6 | kg CO2-Eq |
| EP | eutrophication potential | 0.0116 | kg N |
| AP | acidification potential | 0.287 | kg SO2eq |

Life cycle inventory metrics:



| acryn. | indicator.category.name | value | units |
|--------|-------------------------------|----------|-----------|
| WDP | water depletion potential | 0.103 | m3 water- |
| TPE | total primary energy | 1080 | MJ-Eq |
| RR | renewable resources | 0.0376 | m3 |
| RE | renewable energy | 778 | MJ-Eq |
| NRR | non-renewable resources | 12.3 | kg |
| NRE | non-renewable energy | 294 | MJ-Eq |
| LFW | landfill bulk waste | 13.6 | kg waste |
| LFHW | landfill hazardous waste | 0.000399 | kg waste |
| ADPe | abiotic depletion-fossil fuel | 0.000594 | kg Sbeq |
| ADPf | abiotic depletion-elements | 0.143 | kg Sbeq |

Percentage breakdown by modules in scope with non-negligible contributions

Note: This EPD label was derived from a detailed EPD study which can be accessed at the Program Operator's website.