

EPD Transparency Brief

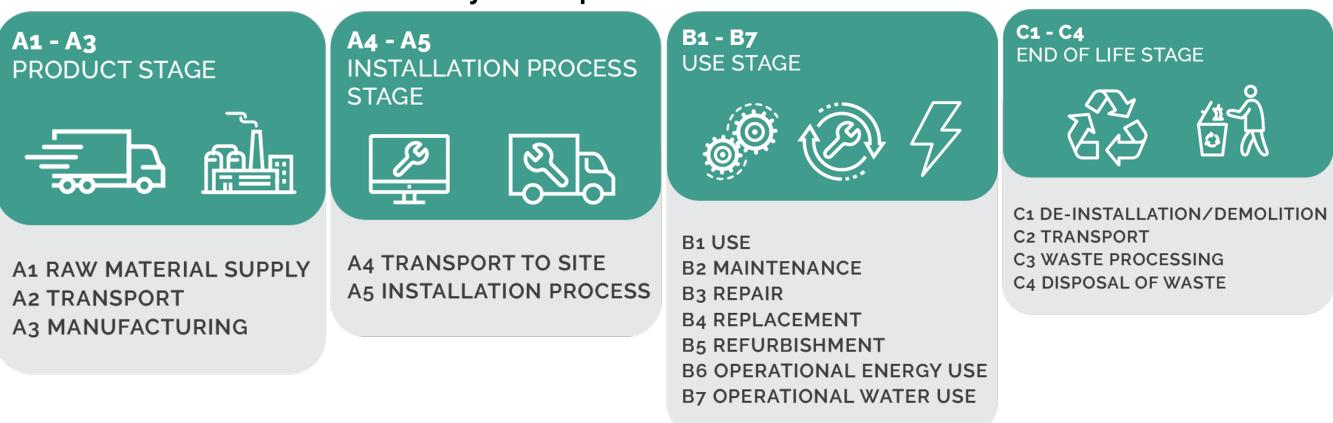
Product name:	FRE-114-3-5-AW
Description:	Engineered wood flooring, American Walnut, width=127mm, thickness=14mm
Declared unit:	m2

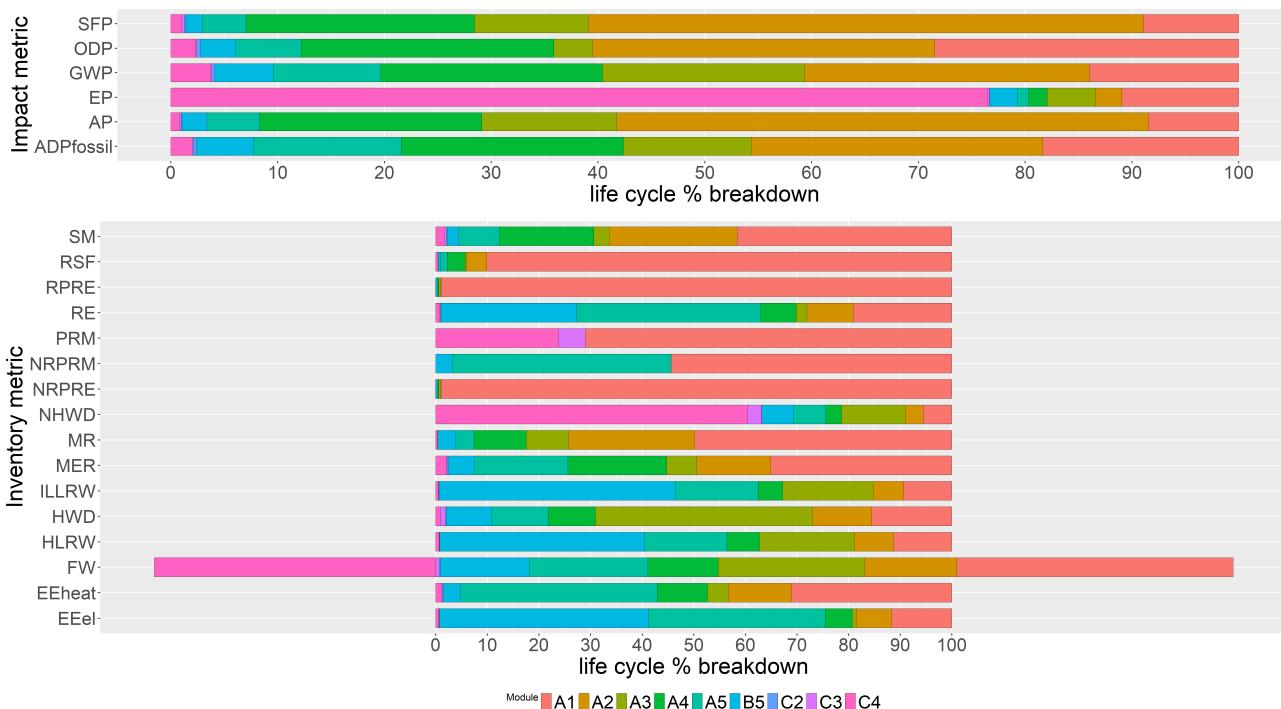


Acronym	Life Cycle Impact Metrics	Unit	Value
GWP	Global warming potential	kg CO2-eq	18.2
ODP	Ozone layer depletion potential	kg CFC-11-eq	2.41e-07
AP	Acidification potential	kg SO2-eq	0.115
EP	Eutrophication potential	kg N-eq	0.213
SFP	Smog formation potential	kg O3-eq	2.13
ADPfossil	Abiotic depletion-fossil fuels	MJ	240

Acronym	Life Cycle Inventory Metrics	Unit	Value
RPRE	Cum. energy demand-renew	MJ	755
PRM	Primary renew mat.	MJ	429
NRPRE	Cum. energy dmnd.-non-renew	MJ	759
NRPRM	Non-renew mat.	MJ	20.1
SM	Secondary material	kg	0.121
RSF	Secondary fuel	MJ	0.00631
RE	Recovered energy	MJ	0.104
FW	Net fresh water	m3	0.0428
HWD	Hazardous waste	kg	0.898
NHWD	Non-hazardous waste	kg	50.5
HLRW	Radioactive waste (high)	kg	4.53e-05
ILLRW	Radioactive waste (low)	kg	0.000138
MR	Mat. for recyclign	kg	0.014
MER	Mat. for energy recovery	kg	1.86e-05
EEel	Exported electricity	MJ	0.0642
EEheat	Exported heat	MJ	0.0406

SYSTEM BOUNDARY – Life Cycle Scope Considered:





Declared Product:	This Environmental Product Declaration (EPD) covers flooring products produced by Allwood Group, LLC. Declared unit: m ²
Declaration Owner:	Allwood Group, LLC PO Box 1788 Tualatin - 97062, OR www.allwoodgrp.com
Program Operator:	P3 Optima Ottawa, ON - K1S2R4 https://www.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 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.csaregistry.ca)
Date of Issue:	20 May 2025
Period of Validity:	5 years; valid until 21 May 2030
EPD Number:	AG01-001

