CERTIFIED
ENVIRONMENTAL PRODUCT DECLARATION

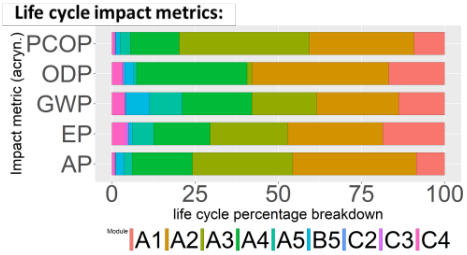
EPD transparency brief

Allwood™

product ID: FREB-HB-TAH
plant name: Jiaxing City
description: Engineered wood flooring, European Oak, width=120mm, thickness=14mm
Declared functional unit: m2

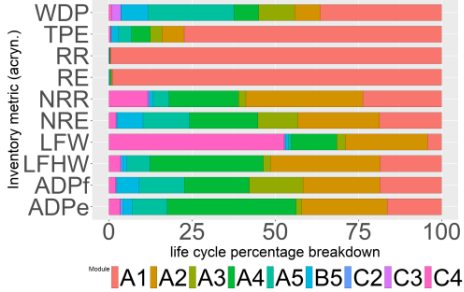
Declaration Owner:	Allwood Group, LLC
	10189 SW Avery St
	Tualatin, OR
	www.allwoodgrp.com
Program Operator:	P3 Optima
	537, McLeod Street
	Ottawa, ON - K1R5R2
	https://p3optima.com/
Product Category Rule:	Product Category Rule (PCR) Guidance for Building-Related Products and Services, Part B: Flooring 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 (September2018), 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 Verfier 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	0.138	kg O3eq
ODP	ozone layer depletion potential	2.25e-06	kg CFC-11.
GWP	global warming potential	18.3	kg CO2-Eq
EP	eutrophication potential	0.0114	kg N
AP	acidification potential	0.279	kg SO2eq

Life cycle inventory metrics:



acryn.	indicator.category.name	value	units
WDP	water depletion potential	0.092	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	12.4	kg
NRE	non-renwable energy	293	MJ-Eq
LFW	landfill bulk waste	13.6	kg waste
LFHW	landfill hazardous waste	0.000406	kg waste
ADPe	abiotic depletion-fossil fuel	0.000594	kg Sbeq
ADPf	abiotic depletion-elements	0.142	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.