

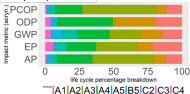
CERTIFIED

 ENVIRONMENTAL PRODUCT
DECLARATION

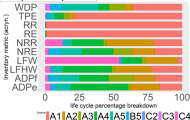
EPD transparency brief

product ID: FRED-114-2-5-ACA
plant name: Jiaying City
description: Engineered wood flooring, Short-Leaf Acacia, width=125mm, thickness=14mm
Declared functional unit: m2

Declaration Owner:	Allwood Group, LLC
	10189 SW Avery St
	Tualatin, OR
Program Operator:	www.allwoodgrp.com
	P3 Optima
	537, McLeod Street
Product Category Rule:	Ottawa, ON - K1R5R2
	https://p3optima.com/
	Product Category Rule (PCR) Guidance for Building-Related Products and Services, Part B: Flooring EPD Requirements
Independent LCA Reviewer and EPD Verifier:	PCR Program Operator: UL Environment
	PCR review was conducted by: Jack Gelbig, Chair, Ecoform, jgelbig@ecoform.com. Thaddeus Owen, hiper4m@gmail.com. Thomas Gloria, PhD, Industrial Ecology Consultants, t.gloria@industrial-ecology.com.
	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).
Date of Issue:	Independent verification of the declaration, according to ISO 14025: 2006
	Internal ; External X
	Third Party Verifier
Period of Validity:	Geoffrey Guest, Certified 3rd Party Verifier under the P3Optima Program (www.P3Optima.com), CSA Group (www.csaregistries.ca)
	17 August 2021
	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	0.106	kg O3eq
ODP	ozone layer depletion potential	1.91e-06	kg CFC-11
GWP	global warming potential	16.9	kg CO2-Eq
EP	eutrophication potential	0.00941	kg N
AP	acidification potential	0.201	kg SO2eq

Life cycle inventory metrics:


acryn.	indicator.category.name	value	units
WDP	water depletion potential	0.0913	m3 water-
TPE	total primary energy	1030	MJ-Eq
RR	renewable resources	0.0369	m3
RE	renewable energy	751	MJ-Eq
NRR	non-renewable resources	11.6	kg
NRE	non-renewable energy	272	MJ-Eq
LFW	landfill bulk waste	13.6	kg waste
LFHW	landfill hazardous waste	0.000399	kg waste
ADPe	abiotic depletion-fossil fuel	0.000564	kg Sbeq
ADPe	abiotic depletion-elements	0.133	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.