



Superwood A/S

Palsgårdvej 3, Hampen, Denmark

has successfully achieved
C2C Certified® Material Health Gold

for the product(s) under the name:

Superwood® fully impregnated spruce

Certification Number

6376

Standard Version

4.0

Achievement Level

Gold

Effective Date

09 November 2023

Expiration Date

19 May 2026

Lead Assessment Body

Vugge til Vugge ApS

Material Health Assessment Body

ARCHE Consulting

Products Covered

Please see the List of Certified Products (available on the Cradle to Cradle Certified Product Registry) for all products covered within this certificate.

Annual direct (scope 1): 9,51 tCO₂; Annual indirect (location based, scope 2): 79,24 tCO₂

Final manufacturing stage product attributable emissions (A1-C4): 3,21 kg CO₂ eq. per 1 m² produced exterior cladding of Superwood, fully impregnated, untreated surface

Make water use data for final manufacturing stage facilities:

FY 2020 Withdrawal: 14,558 m³; Discharges: 100 m³; Consumption: 14,300 m³

FY 2021 Withdrawal: 12,534 m³; Discharges: 92 m³; Consumption: 12,260 m³

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Executive Director

Cradle to Cradle Products Innovation Institute

Phases and Processes considered in the Chemical Toxicity Assessment

Final manufacturing; Professional use; Use; Intended end of use: recycling; Unintended end of use: landfilling, incineration, uncontrolled burning, release to the environment

PRODUCT OPTIMIZATION SUMMARY

- Compliant with Leading Chemical Regulations
- No organohalogenated substances of special concern or functionally-related non-halogenated classes of equivalent concern.
- No exposure to EU CLP Category 1 & 2 Carcinogens, Mutagens and Reproductive toxicants or Substances of Very High Concern; Carbon-bonded halogens are <1% of each material (exemptions apply)
- VOC emissions testing not applicable
- VOC content requirements not applicable
- Product is optimized for material health (no grey or x-assessed chemicals)
- Process chemicals have been identified and none are grey or x-assessed
- Actions taken to reduce and eliminate emissions of hazardous chemicals in the product's supply chain

PERCENTAGE ASSESSED

100%

Method:
chemical substances by number

Inventory threshold for chemicals in each material = 100 ppm

ASSESSMENT RATINGS



A/a: 0%



B/b: 100%



C/c: 0%



X/x: 0%



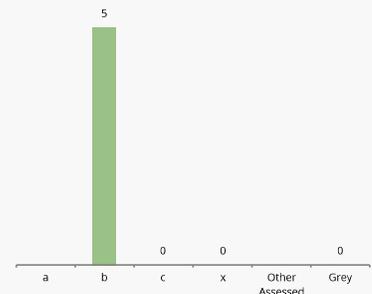
Other Assessed: 0%



Grey: 0%

% CHEMICAL SUBSTANCES

PRODUCT OPTIMIZATION



5 CHEMICAL SUBSTANCES

Note: Other assessed includes recycled content that has passed the required analytical tests, Externally Managed Components (EMCs) and/or C2C Certified inputs.

See the Cradle to Cradle Certified Product Registry at www.c2ccertified.org for additional details. Use of the certification marks is subject to the terms and conditions of the C2CPII Certification Agreement and Trademark Use Guidelines.

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