



## Superwood A/S

Palsgårdvej 3, Hampen, Denmark

has successfully achieved  
**C2C Certified® Material Health Silver**  
for the product(s) under the name:

**Superwood® fully impregnated spruce, surface treated**

Certification Number

6377

Standard Version

4.0

Achievement Level

Silver

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): 64,75 tCO<sub>2</sub>; Annual indirect (location based, scope 2): 517,95 tCO<sub>2</sub>

Final manufacturing stage product attributable emissions (A1-C4): 4,5 kg CO<sub>2</sub> eq. per 1 m<sup>2</sup> produced exterior cladding of Superwood, fully impregnated, surface treated once

Make water use data for final manufacturing stage facilities:

FY 2020 Withdrawal: 14.558 m<sup>3</sup>; Discharges: 100 m<sup>3</sup>; Consumption: 14.300 m<sup>3</sup>

FY 2021 Withdrawal: 12.534 m<sup>3</sup>; Discharges: 92 m<sup>3</sup>; Consumption: 12.260 m<sup>3</sup>

Elwyn Grainger-Jones

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
- ☒ Organohalogen substances of special concern and functionally-related non-halogenated classes of equivalent concern are below allowable thresholds (exemptions apply)
- ☒ 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:  
materials by weight

Inventory threshold for chemicals in each material = 100 ppm

#### ASSESSMENT RATINGS



A/a: 0%



B/b: 97-99%



C/c: 0%



X/x: 0%



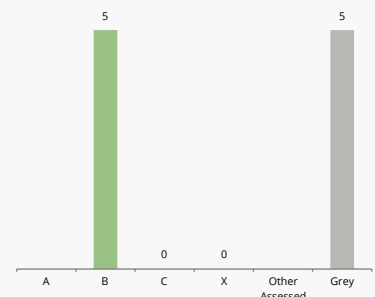
Other Assessed: 0%



Grey: 1-3%

% HOMOGENEOUS MATERIALS

#### PRODUCT OPTIMIZATION



10 HOMOGENEOUS MATERIALS

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](http://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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