

DIVISION

09 60 00 – Flooring

SECTION

09 64 30 - Engineered Wood Flooring

REPORT HOLDER

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EVALUATION SUBJECT

NATURFLOOR-W Engineered Wood Flooring

1.0. EVALUATION SCOPE

Compliance eligibility with the applicable sections of the follow building rating system:

LEED v4.1 for Building Design and Construction (BD+C) (See table 1 for details)

LEED v4.1 for Residential Multifamily Homes (See table 2 for details)

LEED v4.1 for Interior Design and Construction (See table 3 for details)

2.0. USES

NATURFOOR-W is an Engineered hardwood flooring for interiors.

3.0. DESCRIPTION

NATURFLOOR-W is an engineered wood flooring, designed for use in even the most demanding of internal environments. It offers a wide variety of natural wood finishes with numerous applications, from extreme traffic environments such as offices, shops and museums, to residential projects requiring contemporary designs.

Our proprietary technology, which impregnates the natural wood with proprietary overlay sand resins, completely removes any requirement for on-going specific maintenance (such as sanding or refinishing) other than normal cleaning, an outstanding example of sustainability and practicality throughout its life.

4.0. RATING SYSTEM ELIGIBILITY

The information presented in tables 1 through 3 of this report provide a matrix of areas of evaluation and corresponding limitations and/or additional project-specific requirements, and offers benefits to individuals who are assessing eligibility for credits or points.

The final interpretation of the specific requirements of the green building rating system rests with the developer of that specific rating system or the authority having jurisdiction (AHJ), as applicable.

Compliance for items noted as “Verified Attribute” is subjected to any conditions noted in the tables. Decisions on compliance for those items noted as “Eligible for points” in tables 1, through 3 rests with the user of this report, and those items are subjected to the conditions noted.

TABLE 1

SUMMARY OF AREA OF ELIGIBILITY WITH USGBC'S LEED v4.1 FOR BUILDING DESIGN AND CONSTRUCTION (BD+C)

SECTION NUMBER

SECTION INTENT

POSSIBLE POINTS

CONDITIONS OF USE TO QUALIFY FOR POINTS

NATURFLOOR-W

Materials and Resources (MR)

Environmental Product Declarations

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.

1

Environmental Product Declarations which conform to ISO 14025 and EN 15804, and have at least a cradle to gate scope.

Eligible for points

NATURFLOOR-W has a third-party verified EPD conform to ISO 14025 and EN 15804.



Sourcing of raw materials

To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.

1 - 2

Wood products. Wood products must be certified by the Forest Stewardship Council or USGBC approved equivalent

Eligible for points

NATURFLOOR-W can be supplied FSC Mix credit according to the certificate AEN-COC-000450



Minimal Chemical Content:

All components that constitute at least 5%, by weight, contain less than 100 ppm of:

- urea formaldehyde;
- heavy metals, including mercury, cadmium, lead, and antimony;
- hexavalent chromium in plated finishes consistent with the European Union Directive on the Restriction of the Use of Certain Hazardous Substances (EU RoHS);
- stain and nonstick treatments derived from perfluorinated compounds (PFCs), including perfluorooctanoic acid (PFOA); and
- added antimicrobial treatments.

Furniture and Medical Resources

To enhance the environmental and human health performance attributes associated with freestanding furniture and medical furnishings

1 - 2

Eligible for points.

NATURFLOOR-W does not contain those components.

NATURFLOOR-W has a third-party verified EPD conform to ISO 14025 and EN 15804.



Building Product Disclosure and Optimization:

EPD which conform to ISO 14025 and EN 15804, and have at least a cradle to gate scope

Material Ingredient

To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances.

1

Material Ingredient Reporting

Health Product Declaration. The end use product has a published and complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration Open Standard.

NATURFLOOR-W has a third-party verified HPD



Low-emitting Materials

To reduce concentrations of chemical contaminants that can damage air quality and the environment, and to protect the health, productivity, and comfort of installers and building occupants.

1

VOC emissions evaluation

Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2-2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported (TVOC ranges: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 or more).



Eligible for points

NATURFLOOR-W is reported to be 0.5mg/m3 or less (just for Private Office, School Classroom)

Indoor Environmental Quality (EQ)

TABLE 2

SUMMARY OF AREA OF ELIGIBILITY WITH USGBC'S LEED v4.1 FOR RESIDENTIAL (BD+C) MULTIFAMILY HOMES

SECTION NUMBER

SECTION INTENT

POSSIBLE POINTS

CONDITIONS OF USE TO QUALIFY FOR POINTS

NATURFLOOR-W

Materials and Resources (MR)

Environmentally preferable products

To increase demand for products or building components that minimize material consumption through recycled and recyclable content, reclamation, or overall reduced life-cycle impacts.

1 - 2

Option 1: Environmentally Preferable Products
Option 2: Environmental Product Declarations
Option 3. Sourcing of Raw Materials

Wood products. Wood products must be certified by the Forest Stewardship Council or USGBC approved equivalent

Environmental Product Declarations which conform to ISO 14025 and EN 15804, and have at least a cradle to gate scope.

Eligible for points

NATURFLOOR-W can be supplied FSC Mix credit according to the certificate AEN-COC-000450



NATURFLOOR-W has a third-party verified EPD conform to ISO 14025 and EN 15804.



Environmental Quality (EQ)

Low-emitting Materials

To reduce concentrations of chemical contaminants that can damage air quality and the environment, and to protect the health, productivity, and comfort of installers and building occupants.

1

VOC emissions evaluation

Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2-2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported (TVOC ranges: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 or more).



Eligible for points

NATURFLOOR-W is reported to be 0.5mg/m3 or less. (just for Private Office, School Classroom)



TABLE 3

SUMMARY OF AREA OF ELIGIBILITY WITH USGBC'S LEED FOR INTERIOR DESIGN AND CONSTRUCTION

SECTION NUMBER	SECTION INTENT	POSSIBLE POINTS	CONDITIONS OF USE TO QUALIFY FOR POINTS	NATURFLOOR-W
Materials and Resources (MR)	<p>Environmental Product Declarations</p> <p>To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts</p>	1	<p>Environmental Product Declarations which conform to ISO 14025 and EN 15804, and have at least a cradle to gate scope</p>	<p>NATURFLOOR-W has a third-party verified EPD conform to ISO 14025 and EN 15804.</p> 
	<p>Sourcing of raw materials</p> <p>To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner</p>	1 - 2	<p>CI, Retail CI & Hospitality CI</p> <p>Wood products. Wood products must be certified by the Forest Stewardship Council or USGBC approved equivalent</p>	<p>Eligible for points</p> <p>NATURFLOOR-W can be supplied FSC Mix credit according to the certificate AEN-COC-000450</p> 
Indoor Environmental Quality (EQ)	<p>Low-emitting Materials</p> <p>To reduce concentrations of chemical contaminants that can damage air quality and the environment, and to protect the health, productivity, and comfort of installers and building occupants.</p>	1	<p>CI, Retail CI & Hospitality CI</p> <p>VOC emissions evaluation</p> <p>Product has been tested according to California Department of Public Health (CDPH) Standard Method v 1.2-2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported (TVOC ranges: 0.5 mg/m³ or less, between 0.5 and 5 mg/m³, or 5 mg/m³ or more).</p>	<p>Eligible for points</p> <p>NATURFLOOR-W is reported to be 0.5mg/m³ or less (just for Private Office, School Classroom)</p> 