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Roseburg Engineered Wood Products RigidLam® LVL & RFPI®-Joist

LEED® 2009 CREDIT SUPPORT

MRc4 – Recycled Content

Engineered Wood Products, including RigidLam® LVL and RFPI® Joists do not contain recycled content.

MRc5 – Regionally Manufactured/Harvested

RFPI-Joists include an OSB component that is harvested from a region outside of the maximum allowable 500 miles, therefore Roseburg's I-Joist products do not support MRc5.

RigidLam LVL is manufactured from Doug fir veneers that are sourced from a region near the manufacturing plant.

Manufacturing Location: 4500 Riddle Bypass Road
Riddle, OR 97469

Harvesting Region (distance from manufacturing):
0-180 miles Furthest harvest South: near Dunsmuir, CA
Furthest harvest North: near Portland, OR

IEQc4.4 – Low-emitting Composite Wood

All grades of RigidLam LVL and all series of RFPI Joists (inclusive of LVL flanged and solid sawn lumber flanged) are manufactured with exterior, fully water resistant, no-added urea formaldehyde (NAUF) phenolic resins;

LEED® v4 and v4.1

Materials & Resources Credit

Building Product Disclosure & Optimization

Environmental Product Declarations (EPD)

Roseburg can be considered 1 manufacturer (5 required by the credit) and each of our LVL and I-Joist products that are permanently installed in the building can contribute as one product, due to our published Type III EPDs for I-Joist and Laminated Veneer Lumber LVL. Each application of the product can count as one product. Verification documents can be downloaded at the following links:

<http://www.roseburg.com/Library/Files/EPDRFPIJoist/>

<http://www.roseburg.com/Library/Files/EPDLVL/>

Indoor Environmental Quality Credit

Low-Emitting Materials

LEED Interpretation ID# 10466 (now included in v4.1 Low-Emitting Materials Credit) specifically states that structural wood products are not required to meet the general emissions evaluation. These products are considered compliant Low-Emitting Materials if they meet specific criteria as outlined in the ruling.

Structural Wood Products include: structural plywood, oriented strand board (OSB), structural composite lumber, glued laminated timber, I-joists, cross-laminated timber, and finger-jointed lumber.

Roseburg Engineered Wood is considered a compliant Low-Emitting Material according to this ruling due to the fact that;

1. It is made with moisture resistant adhesives meeting ASTM 2559,
2. Has no surface treatments with added urea-formaldehyde resins or coatings,
3. And is certified according to the following industry standard - Voluntary Product Standard – Structural Plywood (PS 1).

NOTE: LVL and I-joists should not be counted as part of the Composite Wood Evaluation as it is not defined by CARB ATCM 93120 and is not regulated as such.

For the full LEED Interpretation language, download here...

<https://www.usgbc.org/leedaddenda/10466>

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