

LEED® v4 Credit Support for Medford MDF

Materials & Resources Credit Building Product Disclosure & Optimization

1. Environmental Product Declarations (EPD)

Roseburg can be considered 1 manufacturer (of 5 required by the credit) for any of our MDF products manufactured in Medford, OR that are permanently installed in the building, due to our published Type III EPD for Medium Density Fiberboard (MDF).

<https://www.roseburg.com:443/Library/Files/EPDMDF/>

2. Material Ingredients

Roseburg can be considered 1 manufacturer (of 5 required by the credit) for any of our No Added Formaldehyde MDF products manufactured in Medford, OR that are permanently installed in the building, due to our Declare labels, which can be downloaded from the International Living Future Institute website via the links below.

[Arreis](#), [Arreis Ultra](#), [Medite II](#), [Medex](#)

[Medite FR](#)

[Armorite](#)

3. Sourcing of Raw Materials – Leadership Extraction Practices (Opt. 2)

a. Wood products must be certified by the Forest Stewardship Council®.

Roseburg MDF panels can be purchased with the option of FSC® Mix Credit Certification. FSC Mix is valued at 100%. You must request FSC Certified product prior to ordering. NOTE: Approved LEED documentation to support this credit does NOT include Roseburg's FSC Certificate. You must provide the supplier's invoice showing that the product purchased was FSC Certified and stating the FSC claim. To verify the validity of Roseburg's FSC Certification – FSC-C017580 visit

<http://info.fsc.org/certificate.php>

b. Recycled Content

Roseburg MDF products are [third-party certified for pre-consumer recycled content](#). Specific percentages are included in the attachments. Please submit the appropriate product letter for your submittal.

Armorite	90.5% pre-consumer recycled
Arreis	97.0% pre-consumer recycled
Arreis Ultra	95.9% pre-consumer recycled
Medex	94.4% pre-consumer recycled
Medite FR	77.2% pre-consumer recycled
Medite II	96.2% pre-consumer recycled

Indoor Environmental Quality Credit Low-Emitting Materials

Composite Wood Evaluation

Composite wood, as defined by the California Air Resources Board, Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products Regulation (otherwise known as CARB ATCM 93120), must be documented to have low formaldehyde emissions that meet the CARB ATCM for formaldehyde requirements for ultra-low-emitting formaldehyde (ULEF) resins or no added formaldehyde (NAF) resins.

Roseburg's line of No Added Formaldehyde MDF products is [third-party certified](#) and CARB NAF Exempt. The California executive order for this product verifies that the resin system used is No Added Formaldehyde, thus meeting the requirements for Low Emitting Materials.

***NOTE: Products sourced, extracted, manufactured and purchased within 100 miles of the project site are valued at 200% of their base contributing cost.**

Manufacturing Location:
2685 North Pacific Highway
Medford, OR 97501

Harvest Region

0-50 miles	16%
51-150 miles	53%
151-230 miles	31%

Direction

North	69%
South	31%



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Roseburg Recycled Content

Product: **Armorite Exterior MDF**
Manufacturing Location: **Medford, OR USA**

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Armorite Exterior MDF
90.5% pre-consumer recycled content

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Guidance: **Value this product at 45.25% (0.5 valuation factor)**

Roseburg Recycled Content

Product: Arreis MDF
Manufacturing Location: Medford, OR USA

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Arreis MDF
97% pre-consumer recycled content

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Sourcing of Raw Materials

Guidance: **Value this product at 47.5% (0.5 valuation factor)**

Roseburg Recycled Content

Product: Arreis Ultra MDF
Manufacturing Location: Medford, OR USA

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Arreis Ultra MDF
95.9% pre-consumer recycled content

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Sourcing of Raw Materials

Guidance: **Value this product at 47.95% (0.5 valuation factor)**

Roseburg Recycled Content

Product: Medex MDF
Manufacturing Location: Medford, OR USA

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Medex MDF
94.4% pre-consumer recycled content

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Sourcing of Raw Materials

Guidance: **Value this product at 47.2% (0.5 valuation factor)**

Roseburg Recycled Content

Product: Medite FR MDF
Manufacturing Location: Medford, OR USA

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Medite FR MDF
77.2% pre-consumer recycled content

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Guidance: **Value this product at 38.6% (0.5 valuation factor)**

Roseburg Recycled Content

Product: Medite II MDF
Manufacturing Location: Medford, OR USA

This letter addresses questions related to the recycled fiber content in composite panel products manufactured by Roseburg Forest Products.

Roseburg composite panels (particleboard and medium density fiberboard, MDF) are 3rd party certified to contain 100% recycled and/or recovered wood fiber in accordance with the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-19. Certificate available online at the following link.



Additional inputs such as resin, wax, and other additives (including water) account for the difference between the 100% recycled wood fiber content and the total recycled content percentage of the finished panel product.

Medite II MDF
96.2% pre-consumer recycled content

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Sourcing of Raw Materials

Guidance: **Value this product at 48.1% (0.5 valuation factor)**