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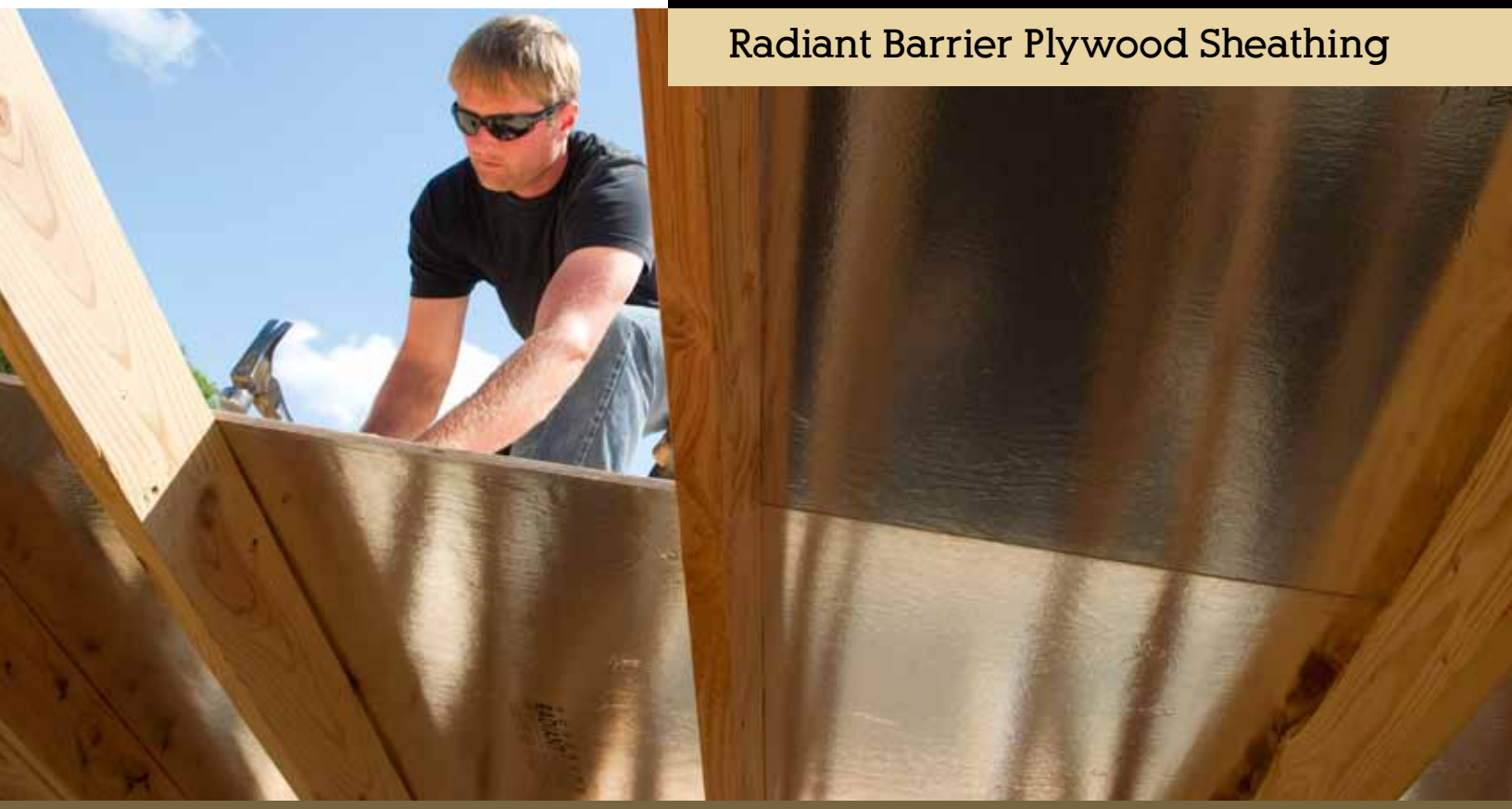
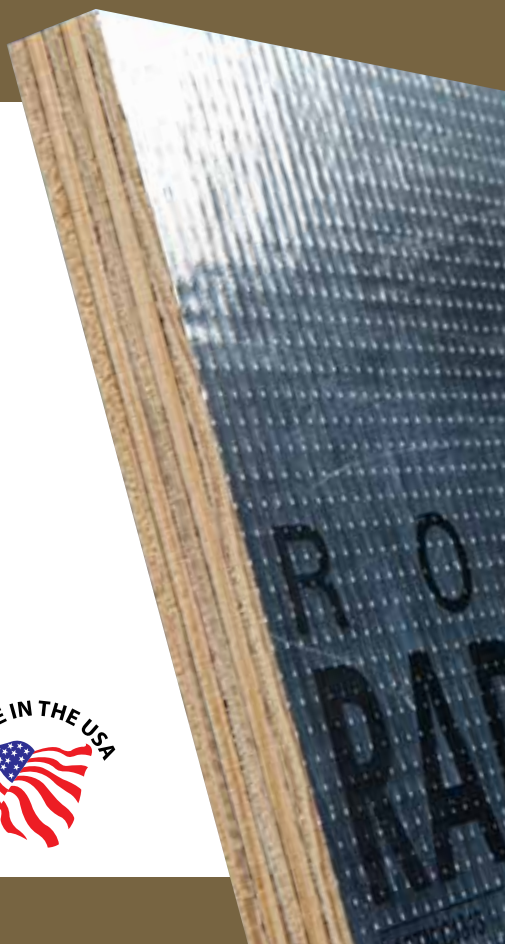
Radiant Barrier Plywood Sheathing



Rigid Strong - Ultra Cool



Roseburg is one of the nation's leading manufacturers of green wood building products. Our new Roseburg Radiant Barrier sheathing is the latest in an impressive list of green, energy saving products produced by Roseburg.

Energy Saving Roseburg Radiant Barrier Sheathing

The key to maintaining a comfortable temperature in a building is to reduce heat transfer into the building. Roseburg's Radiant Barrier sheathing is an engineered structural panel that combines the strength of plywood sheathing with the energy savings of a reflective foil surface to minimize the radiant solar heat indoors. In fact, tests reveal that radiant barrier panels block up to 97% of the sun's radiant energy, making the attic up to 30% cooler and reducing indoor HVAC cooling costs by up to 17%. Roseburg Radiant Barrier sheathing is typically used on roof and exterior wall sheathing.

MADE IN THE USA

Lumber | Engineered Wood Products | Softwood Plywood | Siding
Hardwood Panels | Decorative Panels | Composite Panels | Shelving

ROSEBURG

Radiant Barrier
Plywood Sheathing

Overview

Roseburg Radiant Barrier sheathing is a rated plywood panel with a layer of highly reflective perforated aluminum foil laminate designed to block the majority of the sun's radiant energy.

Although Roseburg Radiant Barrier sheathing reduces heat loss and gain through the building envelope because it is installed in vented cavities (like attics), it is not an insulation material and has no inherent R-value.

Features

- Blocks up to 97% of the sun's radiant energy.
- The foil radiant barrier and good ventilation can reduce heat gain through the ceiling by 40%.
- Increases home value.
- May reduce monthly air cooling bills up to 17%, and may qualify for utility rebates.
- Depending on region of the country, energy savings alone can pay for the panels in as little as 4 years.
- Layer of highly reflective aluminum foil provides more even indoor temperature distribution.
- Strength of plywood.
- Micro-perforations control humidity build-up.
- Manufactured with wood materials harvested from sustainably managed forests.

Key Advantages That Reduce Your Building Costs

- Easy installation and reliable performance (fewer call backs).
- Excellent selling feature.
- Panel is NAUF (No added urea formaldehyde) and can be specified FSC certified.
- Available as Struc 1
- Installs just like conventional plywood roof sheathing, requiring no additional labor.
- Roseburg radiant barrier sheathing is an outstanding product for new homes, additions or renovations.
- Especially effective in hot climates or where improved cooling efficiency is desired.
- Durable aluminum foil that resists bubbling or peeling, superior foil adhesion and sturdy plywood make Roseburg Radiant Barrier sheathing the perfect choice.
- Sheathing is manufactured according to the grade, veneer and panel thickness, construction, workmanship, and identification requirements for plywood sheathing as outlined in the PS 1-09.

Specifications

Lengths: 8′

Widths: 4′

Thickness: 15/32″, 19/32″, 23/32″

Grade: CD - APA & PS 1-09 specifications

Face: Highly reflective, heat resistant aluminum foil

Core Substrate: Western softwood

Edge: Square

Adhesive: NAUF exterior, fully water resistant phenolic glue

Span Ratings: 15/32′′ - 32/16
19/32″ - 40/20
23/32″ - 48/24

Application: Roof and walls

Certifications

- APA - Manufactured to meet or exceed APA — The Engineered Wood Association performance standards.
- PS 1-09 standards for: Veneer grades, glue and bond durability, thickness requirements, testing procedures, finished plywood tolerances, identification and stamping guidelines.

Storage

It is important to keep the product dry before use. Roseburg recommends storing Roseburg Radiant Barrier sheathing in a warehouse or under roof. If stored outdoors, units should be covered loosely with a protective material.

Manufacturing Locations

- Riddle, OR
- Dillard, OR

For more information on "Radiant Barriers" and how they function, go to www.rima.net. Reflective Insulation Manufacturers Association International (RIMA-I)

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