

# A Superior Roof & Wall Sheathing Solution, One Quality Product.



An innovative wall sheathing solution that integrates the energy efficiency of Eclipse™ Radiant Barrier panels with the benefits of diffusing vapor and air in a single house wrap product.



- Eliminate the need for a separate house wrap
- High-performance structural wall sheathing
- Class “B” fire rating
- Energy efficiency lowers utility bills
- Control vapor movement, while remaining breathable
- Block random air movements through building cavity
- Available FSC® certified



**Eclipse™ Energy Guard is an innovative wall sheathing system that integrates the proven energy efficiency of Eclipse™ Radiant Barrier panels with the benefits of diffusing vapor and air in a product that eliminates the need for a separate house wrap.** Using approved Energy Guard tape to seal seams and corners, Eclipse™ Energy Guard is an effective solution to ensure a superior thermo/vapor sidewall building system unmatched by conventional house wrap. Additionally, a class “B” fire rating advances Eclipse’s™ performance capabilities. With the radiant barrier already applied to the structural panel, construction time and costs are significantly reduced.



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### Application

Eclipse™ Energy Guard wall system is designed for applications that require a structural panel and/or house wrap. Product may be used in stucco applications; however, stucco cannot be applied directly to Eclipse™ Radiant Barrier panels. Follow approved two-layer membrane application to Eclipse™ Radiant Barrier panels prior to stucco application.

### Certification & Technical Information

Eclipse™ Radiant Barrier Panels are certified by APA—The Engineered Wood Association and are manufactured in conformance with APA PRP-108 and U.S. Voluntary Product Standard PS2. Eclipse™ Radiant Barrier panels are available FSC® certified. Additionally, Eclipse™ Radiant Barrier panels and Energy Guard system meet the following testing standards:

- ASTM Test Method E 96-05 (Water Vapor Transmission): < 1 perm
- ASTM Test Method E 2178-03 (Air Permeance): < .02
- ASTM Test Method E84 (Flame Spread): Class "B"
- ASTM Test Method E 84 (Smoke Development): Class "B"
- ASTM Test Method C 1371 (Surface Emittance): < .10

### Storage & Handling

All oriented strand board (OSB) materials should be stored to avoid excessive moisture pick-up and must be covered and kept free from construction dust and moisture during storage and installation. Exposure to rain, snow or similar elements compromises product performance and may void the warranty.

### Installation Requirements

Install Eclipse™ Radiant Barrier panels with Eclipse™ foil side facing outward, adhering to local building codes.

- See TuffStrand™ installation guide for span rating and fastener details.
- All seams and corners must be taped with RoyOMartin's Eclipse™ Energy Guard adhesive tape.
- 1/8 inch spacing between panel edges is recommended in accordance with industry standards for wood sheathing installation.
- Blocking should be used at all joints.
- Circular saw cuts must be made with foil side facing down to avoid foil damage.
- Vertical application recommended.
- All windows and doors must be installed using IBC-approved adhesive flashing.
- Use expandable foam to repair any small wall protrusions or breaches in the radiant barrier after the finished exterior siding is installed.
- Torn spots on Eclipse™ Radiant Barrier panels or damaged Energy Guard adhesive tape should be repaired.

NOTE: See Eclipse™ Energy Guard installation manual for complete installation details.

### Important Notice

This product is designed to meet international building codes; however, local building codes may supersede. These instructions are not intended to cover every installation requirement, application, detail or variation, nor do they provide for every possible installation contingency. If any questions or problems arise concerning the installation of this product or its suitability for the purchaser's particular use, inquiries should be made to RoyOMartin. The information about products and application instructions printed herein is current at the time of publication; however, in accordance with RoyOMartin's policy of constant product improvement, the right is reserved to vary these application instructions and product specifications without notice. When placing your order, ask for the most recent product information. Printed February 2012.

### Available Sizes

Eclipse™ applied to Oriented Strand Board (OSB)	
Lengths*:	Thicknesses^:
96 in.	7/16 in., 15/32 in., 1/2 in., 19/32 in., 23/32 in.
97 1/8 in.	7/16 in., 1/2 in.
108 in.	7/16 in., 1/2 in.
109 1/8 in.	7/16 in., 1/2 in.

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Scan QR code to download product literature and specification documents for your next project.

For product warranty information, see RoyOMartin's 25-year limited warranty for details.