RoyOMartin

Eclipse™
OSB Radiant Barrier

Eclipse™ OSB Radiant Barrier panels are a cost-effective, energy-efficient roof-sheathing solution, reducing attic temperatures by as much as 30°F. With Eclipse™, you can enhance comfort, lower utility bills, and increase home value.

Discover the Value of Eclipse™ OSB Radiant Barrier

01 Lower utility bills and enhance comfort

02 Improve attic appliance performance

03 Heighten energy efficiency

04 Increase home value

Member of
APA

(800) 299-5174
RoyOMartin.com

INDEPENDENT • FAMILY OWNED
AMERICAN MADE
Since 1923

Lengths

☐ 96   ☐ 120
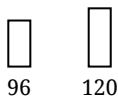
Lengths are nominal. All widths are 48" (nominal)

Thicknesses

7/16, 15/32, 1/2, & 19/32 (Additional sizes available)

Performance categories

Installation Requirements

• Install Eclipse™ OSB Radiant Barrier with foil side inward toward attic space for roof applications, adhering to local building codes.

• See TuffStrand™ installation guide for span rating, fastener, and spacing details.

• Keep aluminum surface clean.

• Circular saw cuts must be made with foil side facing down to avoid foil damage.

• Leave a minimum of ¾" air space between radiant barrier and insulation material.

• Torn spots on Eclipse™ OSB Radiant Barrier or damaged adhesive tape should be repaired.

• See Tuffstrand™ product information and installation instructions for proper span ratings and nailing patterns.

Application

Eclipse™ OSB Radiant Barrier is designed for applications requiring a structural panel, ideally suited for roof sheathing.

Storage & Handling

Like any other wood product, Eclipse™ OSB Radiant Barrier 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.

Certification & Technical Information

Eclipse™ is verified by RIMA-I, is certified by APA–The Engineered Wood Association, and is manufactured in conformance with APA PRP-108 and U.S. Voluntary Product Standard PS2. Eclipse™ products 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
• ASTM Test Method C 1258-02: Pass
• ASTM Test Method C 1313-05: Pass
• ASTM Test Method C 1338-08: Pass
• ASTM Test Method D 3310-00: 1

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