Integrating a new weather resistant barrier with the energy efficiency of a reflective insulation and a structural panel: Eclipse™ Weather Resistant Barrier delivers a superior housewrap tape-and-panel solution. Build smarter, stronger, and faster.

Discover the Value of Eclipse™ Weather Resistant Barrier

01 Tape and panel method installs faster and replaces traditional housewrap
02 Available in 8’ and extended lengths to save more time and money
03 Class “B” fire rating improves Eclipse’s performance capabilities
04 APA-rated structural sheathing with pre-applied reflective housewrap
Installation Requirements

- Install Eclipse™ Weather Resistant Barrier with weather resistant barrier facing outward on wall sheathing applications, adhering to local building codes.
- Space panels 1/8 inch apart in accordance with industry standards for wood sheathing installation.
- Seal all seams and corners with approved weather resistant barrier adhesive tape.
- All windows and doors must be installed using IBC-approved adhesive flashing.
- Circular saw cuts must be made with the weather resistant barrier facing down to avoid damage to the weather resistant barrier.
- Vertical application is recommended.
- Blocking should be used at all joints.
- Use expandable foam to repair any small wall protrusions or breaches in the weather resistant barrier after the finished exterior siding is installed.
- Torn spots on Eclipse™ Weather Resistant Barrier or damaged adhesive tape should be repaired.
- See TuffStrand™ installation guide for span rating and fastener details.

Storage & Handling

Like any wood product, Eclipse™ Weather Resistant Barrier should be stored to avoid excessive moisture pick-up and should be covered.

Product Warranty

Eclipse™ Weather Resistant Barrier has an exposure rating of 180 days. See RoyOMartin’s 25-year limited warranty for details.

Certification & Technical Information


Eclipse™ Weather Resistant Barrier meets the following testing standards:
- ASTM Test Method E 84 Surface Burn, Smoke Development: Class “B”
- ASTM Test Method E 96-05 Vapor Transmission: < 1 perm
- ASTM Test Method E 331 Water Penetration
- ASTM Test Method E 2178-03 (Air Permeance): < .02
- ASTM Test Method E 2273: 96.7%
- ASTM Test Method C 1224 Adhesive and Bleeding Performance
- ASTM Test Method C 1258 Temperature and Humidity Resistance, Aging
- ASTM Test Method C 1371 Thermal Emittance: 0.05
- ASTM Test Method C 1338 Fungi Resistance
- ASTM Test Method D 2247 Water Resistance Measurement
- ICCES AC 310 Water Resistance Measurement

Application

Eclipse™ Weather Resistant Barrier is designed for applications requiring a structural panel, ideally suited for exterior walls. Eclipse™ Weather Resistant Barrier is designed specifically for U.S. climate zones 1, 2, 3, and 4. See Tuffstrand™ product information and installation instructions for proper span ratings and nailing patterns.

Lengths

| Length (nominal) | 96 | 97.1/8 | 108 | 109.1/8 | 120 | 121.1/8 |

Thicknesses

7/16, 15/32, & 19/32

Performance categories

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.