



Environmental Commitment

Blue is our Green

Our long-standing environmental commitment is what brings Eagle[®] closer to the world around us. With an increasing focus on global warming, conservation and sustainability, it is more essential than ever that we all do our part to keep our water clear and our sky blue. That's why blue is our green. It represents what Eagle does to make our products as good for the environment as they are for the places we live and work. Being green is always part of Eagle blue — and we put a touch of it in every window and door we make.

Preserving Nature

Eagle® uses wood harvested from managed forests and leverages engineered wood technology whenever possible — we use finger-jointed wood and laminated veneer lumber, both of which use wood efficiently. We also use water-based finishes in our effort to be environmentally friendly.

Conserving Energy

Our High-Performance™ Low-E4® glass — combined with weather-tight frames, sashes and seals — provide superior thermal protection, significantly reducing heating and cooling requirements.

LEED® — Leadership in Energy and Environmental Design

ENERGY & ATMOSPHERE

PREREQUISITE — *EA Prerequisite 2: Minimum Energy Performance Required*

LEED Requirement: Design the building envelope, HVAC, lighting and other systems to maximize energy performance using the mandatory provision of ASHRAE/IESNA Standard 90.1-2004 and the prescriptive requirements or performance requirements of ASHRAE/IESNA Standard 90.1-2004.

1-10 POINTS — *EA Credit 1: Optimize Energy Performance*

LEED Requirement: Design the building envelope and systems to maximize energy performance. Quantify energy performance as compared to a baseline building.

1-3 POINTS — *EA Credit 2: On-site Renewable Energy*

LEED Requirement: Use on-site renewable energy systems to offset building energy costs. Calculate project performance by expressing the energy produced by the renewable systems as a percentage of the building's annual energy cost.

MATERIALS & RESOURCES

1 POINT — *MR CREDIT 4.1: Recycled Content 10% (Post-consumer + 1/2 pre-consumer)*

LEED Requirement: Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project.

1 POINT — *MR CREDIT 4.2: Recycled Content 20% (Post-consumer + 1/2 pre-consumer)*

LEED Requirement: Same as MR Credit 4.1 — constituting at least 20%.

1 POINT — *MR Credit 5.1: Regional Materials 10% Extracted, Processed & Manufactured Regionally*

LEED Requirement: Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials' value.

1 POINT — *MR CREDIT 5.2: Regional Materials 20% Extracted, Processed & Manufactured Regionally*

LEED Requirement: Same as MR Credit 5.1 — minimum of 20%.

INNOVATION & DESIGN PROCESS

1-4 POINTS — *ID Credit 1-1.4: Innovation in Design*

LEED Requirement: Substantially exceed a LEED-NC performance credit such as energy performance or water efficiency.

"High-Performance" is a trademark and "Low-E4" is a registered trademark of Andersen Corporation.

"LEED" is a registered trademark of the U.S. Green Building Council.

This brochure was printed on 100% post-consumer, chlorine-free recycled paper. No new trees were used.

Using Recycled Materials

Our cladding contains recycled aluminum, requiring less energy to process than virgin aluminum. A portion of the glass in our products is made from cullet (broken glass), which saves tons of landfill waste each year.

Taking an Active Role

Eagle encourages environmental stewardship through our support of the U.S. Green Building Council's LEED® program. Our products offer LEED credits in the Green Building Rating System for New Construction and Major Renovation.

INDOOR ENVIRONMENTAL QUALITY

REQUIRED — *EQ Prerequisite 1: Minimum IAQ Performance*

LEED Requirement: Design ventilation systems to meet or exceed the minimum outdoor air ventilation rates as described in the ASHRAE standard.

1 POINT — *EQ Credit 2: Increased Ventilation*

LEED Requirement: Increase breathing zone outdoor air ventilation rates to all occupied spaces by at least 30% above the minimum rates required by ASHRAE Standard 62.1-2004 or design natural ventilation systems for occupied spaces to meet the recommendations set forth in the Carbon Trust "Good Practices Guide 237".

1 POINT — *EQ Credit 4.2: Low-emitting Materials — Paints & Coatings*

LEED Requirement: Paints and coatings used on the interior of the building shall comply with stated LEED requirements.

1 POINT — *EQ CREDIT 4.4: Low-emitting Materials — Composite Wood & Agrifiber Products*

LEED Requirement: Specify wood and agrifiber products that contain no added urea-formaldehyde resins. Specify laminating adhesives for field and shop applied assemblies that contain no urea-formaldehyde resins.

1 POINT — *EQ CREDIT 6.2: Controllability of Systems — Thermal Comfort*

LEED Requirement: Provide individual comfort controls for 50% (minimum) of the building occupants to enable adjustments to suit individual task needs and preferences.

1 POINT — *EQ Credit 7.1: Thermal Comfort — Design*

LEED Requirement: Establish comfort criteria per ASHRAE Standard 55-2004 that support the desired quality and occupant satisfaction with building performance.

1 POINT — *EQ CREDIT 8.1: Daylight & Views — Daylight 75% of Spaces*

LEED Requirement: Design the building to maximize interior daylighting.

1 POINT — *EQ Credit 8.2: Daylight & Views — Views for 90% of Spaces*

LEED Requirement: Design the space to maximize daylighting and view opportunities.

Eagle Window & Door

For more information or for the dealer nearest you,
call 800.453.3633 or visit EagleWindow.com

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