

Indiana

FURNITURE

As a member of the U.S. Green Building Council, one important extension of our commitment to the environment is our work to support the Council's LEED Program – Leadership in Energy and Environmental Design. The LEED program is a voluntary certification system designed to promote buildings that are environmentally responsible, profitable, and healthy places for people to live and work.

How our products might contribute to LEED certification

- **Category 1 – Sustainable Sites:** Since this category pertains to the building site itself, our products cannot contribute.
- **Category 2 – Water Efficiency:** Since this category pertains to a facility's water usage, our products cannot contribute.
- **Category 3 – Energy and Atmosphere:** Since this category pertains to a facility's energy usage, our products cannot contribute.
- **Category 4 – Materials and Resources:** The recycled content of our products, as well as our sources for raw material, may contribute towards recycled content and rapidly renewable materials. Our wood core comes from well managed forests, which may also contribute toward the use of certified wood. Additional credits may be gained by using recycled wood materials. Depending on the location of the project, we may contribute toward local/regional materials.
- **Category 5 – Indoor Environmental Quality:** Because our products are low-emitting, they may contribute towards *low-emitting materials*. Seven product lines are ETL Environmental Indoor Air Quality Certified®, as standard products, not special packages.
- **Category 6 – Innovations:** We will work toward *innovation in design* through innovative products and product applications that leverage the best materials and processes.

Indiana Furniture can help customers seeking LEED-certification through the development of products that can contribute to specific LEED-certification criteria. The following outlines areas we can potentially impact and strategies to achieve the goal. The U.S. Green Building Council also encourages companies to identify opportunities to salvage and reuse furniture in project design and research potential material suppliers. Our reconfigurable series allow for reusing these products in many applications, extending the life of the products. In addition, we will do our part to measure waste and energy use and will work to reduce those amounts over the next 2-5 years.

MATERIALS

MRc3.3 Resource Reuse, 30% Furniture and Furnishings (1 Point)

- Strategies – Identify opportunities to salvage and reuse furniture in project design and research potential material suppliers. Consider salvaging and reusing furnishings, seating, and accessories.
- Status – Revolutions products are reconfigurable to allow for reuse in many applications and extend product life cycles.

MRc4.1 Recycled Content, 10% (post consumer and 50% pre-consumer) (1 Point)

- Strategies – Establish a project goal for recycled content materials and identify material suppliers that can achieve this goal. During construction, ensure that the specified recycled content materials are installed and quantify the total % of recycled content materials installed.
- Status – All core materials are 100% pre-consumer recycled wood materials.

MRc4.2 Recycled Content, 20% (post consumer and 50% pre-consumer) (1 Point)

- Strategies – Establish a project goal for recycled content materials and identify material suppliers that can achieve this goal. During construction, ensure that the specified recycled content materials are installed and quantify the total % of recycled content materials installed.
- Status – All core materials are 100% pre-consumer recycled wood materials.

MRc5.1 Regional Materials, 20% manufactured regionally (1 Point)

- Strategies – Establish a project goal for locally sourced materials and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total % of local materials installed.
- Status – All installations within 500 miles of Jasper, Indiana are eligible.

MRc5.2 Regional Materials, 10% extracted and manufactured regionally (1 Point)

- Strategies – Establish a project goal for locally sourced materials and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total % of local materials installed.
- Status – All installations within 500 miles of Jasper, Indiana are eligible.

MRc6 Renewable Materials – 10 years or less (1 Point)

- Strategies – Use materials harvested within a 10-year or shorter cycle, for 5% of the total value of all materials and products used in this project. Establish a project goal for rapidly renewable materials and identify materials and suppliers that can achieve this goal. Consider materials such as bamboo, wheatgrass and others.
- All wood materials are naturally carbon sequestering.

INDOOR ENVIRONMENTAL QUALITY

Eqc4.1 Low Emitting Materials, Adhesives and Sealants (1 point)

- Strategies – Specify low VOC materials. Ensure that VOC limits are clearly stated in each section of the specifications where adhesives and sealants are addressed. Review product cut sheets, MSD sheets, signed attestations or other literature clearly identifying the VOC contents or compliance with referenced standards.
- Status – Indiana Furniture’s UV Advantage finishes on Revolutions, Elevate, Gesso, Madera and the laminate Canvas products, as well as all Seating products, are ETL Environmental Indoor Air Quality Certified® as standard products. No special finish packages are required.

Eqc4.2 Low Emitting Materials, Paints and Coatings (1 Point)

Composite wood and agrifiber products, including core materials, must contain no added urea formaldehyde resins.

Strategies – Specify low VOC paints and coatings in constructions documents.

- Status – Indiana Furniture’s UV Advantage finishes on Revolutions, Elevate, Gesso, Madera, and the laminate Canvas products, as well as all Seating products, are ETL Environmental Indoor Air Quality Certified® as standard products. No special finish packages are required.

Eqc4.4 Low Emitting Materials, Composite Wood & Laminate Adhesives (1point)

Composite wood and agrifiber products, including core materials, must contain no added urea formaldehyde resins.

- Strategies – Specify wood agrifiber products that contain no added urea formaldehyde resins. Specify laminating adhesives for field and shop applied assemblies, including adhesives and veneers that contain no urea-formaldehyde.
- Status – All wood materials meet CARB-1 for low emitting materials.

Eqc4.5 Low Emitting Materials, Systems Furniture and Seating (1 Point)

Composite wood and agrifiber products, including core materials, must contain no added urea formaldehyde resins.

- Strategies - Option A-ETL Environmental Indoor Air Quality Certified®
Option B-Limit Concentrations per Chart

Chemical	Emission Limit Furniture	Emission Limit Seating
TVOOC	.5mg/m ³	.25mg/m ³
Formaldehyde	50 parts per billion	50 parts per billion
Total Aldehydes	100 parts per billion	50 parts per billion
4-Phenylcycohexene	.0065 mg/m ³	.00325mg/m ³

Status – All wood materials meet CARB-1 for low emitting materials.

- Status – Indiana Furniture’s UV Advantage finishes on Revolutions, Elevate, Gesso, Madera, the laminate Canvas products, as well as all Seating products, are ETL Environmental Indoor Air Quality Certified® as standard products. No special finish packages are required.