

American Seating

Summary of Environmental Policies and Practices

1. **Environmental Policy Statement**- American Seating is committed to a strong stewardship of our environment. We are dedicated to the minimization of any adverse impact on the environment, and maintaining continuous improvement in pollution prevention and our environmental management system. We achieve this through:
 - a. Compliance with all relevant environmental legislation and regulations.
 - b. Having employees who are committed to mitigating environmental impact through re-use, reduction and recycling
 - c. Continuous education and training
 - d. Providing a safe working environment for all our employees

2. **Recycled Content** – all of our products contain some degree of recycled content. Depending on the surface materials and options specified the % recycled content varies. A document is attached that details the recycled content of the major components of our Office Systems and Seating products.

3. **Recyclability** – all of our products contain some degree of recyclability. Depending on the surface materials and options specified the amount of recyclability varies. A document is attached that details the recyclability of the major components of our Office Systems and Seating products.

4. **Indoor Air Quality**- American seating office workstation products have been tested and passed the requirements of ASTM Standard D 5116, the State of Washington's IAQ specification dated January 1994 and the EPA's emissions testing requirements for Furniture Procurement, 1996. The workstation was monitored for emissions of total VOC, total aldehydes, formaldehyde and other individual VOCs and particles.

5. **Manufacturing Process Improvements:**
 - a. Eliminated all solvent-based paints and coatings
 - b. Reduced solvent-based adhesive emissions by substituting non-Hazardous Air Pollutant (HAPs) based and Hot Melt-polymer glues
 - c. Reclaim and recycle ALL scrap steel and used oils
 - d. Reduced overall water, electric, gas consumption and waste production
 - e. All of our packaging is made of 100% recycled content and is 100% recyclable
 - f. Select and nurture suppliers to protect and sustain the environment like we do
 - g. Air emissions reporting for American Seating facilities are publicly available at the following internet address: www.deq.state.mi.us/maers/emissions_query.asp

AMERICAN SEATING
OFFICE PRODUCTS RECYCLABILITY

Recycling is an important part of the American Seating philosophy of doing business. This is evident in the materials we utilize which allow for a high level of recyclables within our products and packaging.

OFFICE PRODUCTS

Material	Recycled Content	Recyclability
Packaging materials	100%	100%
Steel	30%	100%
Plastic	10%	100%
Work surface core	100% renewable	0%
Panel Fabric*	0-100%	0-100%

SEATING PRODUCTS

Material	Recycled Content	Recyclability
Packaging materials	100%	100%
Steel frame	30%	100%
Plastic	10%	100%
Seat & back polypropylene	20%	100%
Seat & back foam	0%	100%
Seat & back upholstery*	0-100%	0-100%

* A variety of fabrics are available including those that are made of 100% recycled content and are made of 100% recyclable material. Reference American Seating fabric cards for content and recyclable material information.

American Seating Products Support **LEED Certified Building Program**

The U.S. Green Building Council (USGBC) has developed a program called Leadership in Energy & Environmental Design (LEED) that promotes a national consensus for a new generation of buildings that deliver environmental performance inside and out. USGBC members forge strategic alliances with key industry and research organizations and federal, state and local agencies to transform the built environment. USGBC hosts the *Greenbuild* annual international conference to provide educational and marketing support for adoption of sustainable building designs.

LEED is a certification program for buildings, not building or construction products. A rating system has been established to award points in the following 6 areas:

1. Sustainable Sites (14 possible points)
2. Water Efficiency (5 possible points)
3. Energy and Atmosphere (17 possible points)
4. Materials and Resources (13 possible points)
5. Indoor Environmental Quality (15 possible points)
6. Innovation and Design Process (5 possible points)

A total of 69 points is possible, however, a building can be LEED certified with as few as 26 points. Here is the rating scale:

- 26-32 points – Certified
- 33-38 points – Silver Certified
- 39-51 points – Gold Certified
- 51-69 points – Platinum Certified

The areas where furniture products, such as auditorium seating, arena seating and fixed lecture tables, can contribute to LEED building certification include the following 11 areas:

1. Materials and Resources- Credit 3.1 Resource Reuse, specify 5%
 - Specify salvaged or refurbished materials for 5% of building materials
2. Materials and Resources- Credit 3.2 Resource Reuse, specify 10%
 - Specify salvaged or refurbished materials for 10% of building materials
3. Materials and Resources- Credit 4.1 Recycled Content, specify 25%
 - Specify a minimum of 25% of building materials that contain in aggregate, a minimum weighted average or 20% post-consumer recycled material, OR, a minimum weighted average 40% post-industrial recycled content material
4. Materials and Resources – Credit 4.2 Recycled Content, specify 50%
 - Specify a minimum of 50% of building materials that contain in aggregate, a minimum weighted average or 20% post-consumer recycled material, OR, a minimum weighted average 40% post-industrial recycled content material
5. Materials and Resources- Credit 5.1 Local/Regional Materials, 20% manufactured locally
 - Specify a minimum of 20% of building materials that are manufactured (final assembly) regionally within a radius of 500 miles.

6. Materials and Resources- Credit 5.2 Local/Regional Materials, of 20% above, 50% of materials harvested locally
 - Of these regionally manufactured materials, specify a minimum of 50% that are extracted, harvested, or recovered within 500 miles.
7. Materials and Resources- Credit 6- Rapidly renewable Materials
 - Specify rapidly renewable building materials for 5% of total building materials.
8. Materials and Resources- Credit 7 – Certified Wood
 - Use a minimum of 50% wood-based materials certified in accordance with the Forest Stewardship Council guidelines for wood building components including but not limited to structural framing and general dimensional framing, flooring, finishes, furnishings, and non-rented temporary construction applications such as bracing, concrete form work, and pedestrian barriers.
9. Indoor Air Quality- Credit 4.1 Low-emitting materials- Adhesives & sealants
 - Meet or exceed VOC limits of South Coast Air Quality Management District Rule #1168 by, AND all sealants used as a filler must meet or exceed Bay Area Air Quality Management District Regulation 8, Rule 51.
10. Indoor Air Quality- Credit 4.2 Low-emitting materials- Paints
 - Paints and coatings must meet or exceed the VOC and chemical component limits of Green Seal Requirements.
11. Indoor Air Quality- Credit 4.4 Low-emitting materials- Composite Wood
 - Composite wood and agrifiber products must contain no added urea-formaldehyde resins.

While furniture products alone cannot achieve points, furniture, in conjunction with all other building materials combines to earn points toward LEED certification. The client seeking LEED certification for the building is required to consolidate and weight the value of all building materials used to arrive at an overall result that is used to award points. For more information on LEED building certification and other environmental resources, please access their website at www.usgbc.org.

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