

ENVIRONMENTAL STATEMENT

OUR VISION:

Great furniture can be made with less environmental impact without compromising performance, quality, longevity and beauty. We try our very best to tread lightly on our planet while making products that last for generations, made with care and respect for people, the environment and material resources. With tomorrow in mind.

OUR POLICY:

Emeco was founded in 1944 on the principle "Begin with what's left over, turn it into what will last." Our first chair, the [1006 Navy](#), was made from recycled aluminum and built to last at least 150 years. Those principles still guide us today, as we build our simple, timeless collection in Hanover, PA. We utilize post-consumer and post-industrial waste streams to create furniture intended to last decades, with the lowest possible carbon footprint. We own our impact. And we will keep improving.

OUR PROCESSES:

Manufacturing:

- Emeco furniture is manufactured in the US.
- The Emeco factory in Hanover, PA, conforms to all applicable US, State and Local environmental laws and regulations.
- We source our materials as locally as possible, to reduce transport emissions and to support the local economy and local craft.
- Emeco continuously monitors, evaluates and works to improve our manufacturing processes, to further reduce our environmental impact.
Example: since 2021 we have reduced our aluminum scrap rate by 50%, thanks to tooling changes and process improvements. We already recycle and reuse all of our aluminum scrap, but less scrap means less energy needed to recycle parts.

Materials:

- Emeco carefully evaluates and selects all raw materials based on their environmental impact. Around 90% of our entire product range is made from recycled materials. All materials are chosen for longevity.
- All aluminum used in Emeco products is at least 80% recycled and 100% recyclable. Of the recycled aluminium, half is post-consumer (soft drink cans) and half is post-industrial (manufacturing scrap).
 - Aluminum is 100% recyclable, endlessly, making it one of the smartest materials available.
 - Use of recycled aluminum, as opposed to virgin aluminum, equates to 95% less energy consumption. It also ensures a low carbon footprint.
 - Emeco returns 100% of aluminum manufacturing scrap (cut-offs and leftovers) to local recyclers. Emeco's aluminum scrap generation-rate is approx. 6% annually by weight.
 - Emeco uses clear coat anodizing as the surface finishing method for most of our aluminum products. This significantly reduces particulate emissions and produces no volatile organic compounds (VOCs) in the application of the finish.
- Emeco chairs and stools made from recycled PET plastic (111 Navy, 1951, On & On) contain at least 90% recycled PET, rPET. 100% of the rPET used comes from a post-consumer recycled source. Emeco chairs and stools made from rPET can be 100% recycled by Emeco into new chairs and stools of the same or a similar model.

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Materials (continued):

- Emeco chairs and stools made from recycled wood-filled polypropylene (1 Inch, Alfi, Broom) contain at least 90% recycled post-industrial polypropylene mixed with recycled wood fiber, rWPP. Emeco chairs and stools made from rWPP can be 100% recycled by Emeco into new chairs and stools of the same or a similar model.
- Emeco uses locally sourced sustainable timber and low-VOC finishes on our wood components.
- Emeco product developers work continuously to further reduce the environmental impact of existing products.
Example: since we first pioneered the rPET material with the introduction of [111 Navy](#) in 2010, we have continued to engineer the material, increasing the recycled content from 65% rPET to 90% rPET. Increased recycled content helps keep more waste out of landfills and enables us to make even better quality products.

Testing & Compliance:

- Emeco furniture is tested to conform to ANSI/BIFMA X5.1 for strength and stability, ensuring longevity. Certificates available for [download](#).
- Emeco furniture is tested for VOC emissions to conform with ANSI/BIFMA e3, sections 7.6.1, 7.6.2, 7.6.3. Our products are certified Clean Air Gold or Clean Air Silver. Certificates available for [download](#).
- Emeco provides Health Product Declarations (HPD) disclosed to 1,000 ppm. Certificates available for [download](#).
- Emeco products contribute to a number of [LEED](#) credits within: BD + C (Building Design and Construction), ID+C (Interior Design and Construction) and BD+C (Healthcare).
- Emeco products contribute to [WELL](#) v2 certification within the Concepts Materials and Innovation. Emeco products may also contribute to WELL Concepts Air, Light and Thermal Comfort.

Carbon Footprint Measurement:

- Emeco measures and declares the [carbon footprint](#) of our products. Using the 2030 Calculator, we measure our impact "cradle-to-gate", starting from the creation of the product to the moment it leaves our factory. Although many chairs do not yet declare a carbon footprint measurement, a typical carbon footprint for a chair ranges from 30-60 kg CO₂e. As a comparison, the 1006 Navy chair has a carbon footprint of 14.88 kg CO₂e. The work to measure and declare carbon footprint for all our products is ongoing.

Chair Recycling Program:

- Our recycled plastic and recycled aluminum products can be recycled endlessly without losing material properties. Emeco has a chair-to-chair recycling program. The plastic and all-aluminum Emeco furniture can be returned to Emeco for recycling and manufacturing of the same or similar model.