

FURNITURE: SUSTAINABILITY STATEMENT

Sustainability:

Sustainability is complex and the topic of sustainability continues to evolve.

From our perspective, sustainability is about the impact to environmental health within an ecosystem. How does what we do (process) and what we use (materials) effect the health of humans, the natural environment, water, resource depletion and climate change.

Within the last few years, a multitude of eco labels and standards have emerged around the globe. While it is impossible to keep current on all of them, we continually evaluate sustainable products and processes when considering decisions around materials, transportation, energy consumption, recyclability and health.

Sustainability Statement:

Paul Brayton Designs has maintained a commitment to the environment by focusing on sustainable product design and production processes while building a superior quality, high performance product and maintaining best in class product support.

Domestic Sourcing:

The majority of Paul Brayton Design's furniture and components are built, sourced, assembled and upholstered in Archdale, North Carolina. Approximately 60% of our materials are sourced locally (within 100 miles of our location) allowing us to reduce the carbon footprint used in manufacturing and transportation. Our Manufacturing facility uses safe, clean and environmentally friendly processes.

PLYWOOD FRAMES:

The wood used for the frame, dowels and tenon joints are SFI (Sustainable Forestry Institute) kiln dried hard woods and top grade ¾ California CARB compliant P2 plywood, which meets 2012 California laws and exceeds S. bill

1600 for emissions. The frames are built in North Carolina and can be recycled.

LEGS (Bases):

Furniture bases and legs may be from solid beech, solid ash, or solid aluminum. All of these materials are recyclable.

SEATING:

A high strength steel no-sag spring system is used on cushioned seating and this can be recycled. 100% recycled inner construction padding is used in cushioned seating and can be recycled.

FOAM:

A soy-based, premium quality, multi-density foam is used in Brayton Designs furniture and this foam is recyclable.

GLUE:

E1 environmentally friendly glue is used in all construction.

If a Paul Brayton Designs eco-friendly textile is used for upholstery then the fabric content would be made from 100% recycled material or, at a minimum 51% of either or both recycled or naturally renewable content. Textiles are recyclable

European Sourcing:

Approximately 40% of our components are sourced from European Partners who supply polyurethane moldings, metal frames/inserts and metal bases for furniture production.

Flexible Polyurethane moldings are CFC, HCFC and SVHC free: Our European partners use water expanded polyurethanes that do not contain CFC (dangerous for ozone) or metalcatalysers which are harmful for the environment. These polyurethanes are made without use of phthalates and are also Formaldehyde emissions free.

Chemicals:

Our flexible polyurethanes comply with the following standards:

- EU 1907/2006: REACH
- SVHC free (201 Very High Concern substances), according REACH norm
- EU/ 528/2012: Biocides free;
- EU 65/2011 – EU 863/2015: ROHS (Cadmium, Mercury, Phtalathes, Hexavalent Chromium free)
- EC 1005/2009 Montreal Protocol: ODS free, substances that damage the Ozone Layer (CFC, HCFC, metal catalysts)
- EC 850/2004 Stockholm agreement: Organic Pollutants free
- They contain a very low quantity of VOCs (far lower than the limits requested by the main Italian and International regulations)

Fire Retardant:

Our products are made with fire retardant polyurethanes according to:

- Italian class IIM - UNI 9175:2010
- California Technical Bulletin 117:2013, Section 3
- European EN 1021:2014
- EU 65/2011 – EU 863/2015: ROHS (Cadmium, Mercury, Phtalathes, Hexavalent Chromium free)
- French class M4 (NFP 92-507:2004)
- EC 850/2004 Stockholm agreement: Organic Pollutants free
- IMO (MED 96/98 according to 2010 FTP CODE 307/88, Part 8, Paragraph 7.2)

Green Guard:

Our semi-finished seats meet the criteria to achieve the important GREENGUARD certification, that measures the indoor spaces air quality.

Our flexible foams were tested according to the International norms UNI EN ISO 16000-9:2006 + ISO 16000-6:2011. The quantity of VOCs emissions of our polyurethane foams and our semi-finished armchairs are far lower than the limits required by the GREENGUARD standards.

CARB ATCM Phase II US EPA TSCA Title VI:

The plywood panels included in some of our shells (necessary to stapling the fabric during the upholstery) are in conformity with the following “Formaldehyde Emission Standards for Composite Wood Products Rule”:

- CARB ATCM 93120 (Airborne Toxic Control Measure) Phase II
- U.S. EPA TSCA (Toxic Substances Control Act), Title VI

Infinitely Recyclable Metal Bases:

The metal bases we use meet the requirements of compliance with the trademark “infinitely recyclable” (Technical Protocol 2003/01: Fe / Ni), in conformity with the European policy in favor of a sustainable development, for a rational use of metals, compatible with the environment. A certified product “Plated in Italy”, is also “infinitely recyclable”: at the end of its life, it can be put again into the production cycle an unlimited number of times; so it can be recycled and reutilized, with a significant savings of natural resources and energy. “Infinitely recyclable” is a trademark of the European Community.

Paul Brayton Designs continues to focus on delivering industry leading sustainable solutions to our partners by focusing on standards for use of environmentally responsible materials, products and processes. Our vision continues to evolve around the topic of sustainability as we focus on the product life-cycle giving us a more holistic approach to product and process design.