

CUMBERLAND

beautiful objects that work

Cumberland Upholstered Product and the Environment

True comfort in furniture comes from knowing that what's inside is good for you, good for the environment and will provide an enduring place to sit and relax for generations.

Upholstery Frames and Seat Panels

Cumberland uses no endangered rainforest wood species and uses only woods harvested by companies who practice sustainable forestry, including selective harvesting and aggressive reforestation. The wood used is also compliant with more than one certification for LEED points and is exempt from US and California formaldehyde regulations due to its very low emissions rate. Any wood waste that is generated by our manufacturing process is recycled.

Foam

Cumberland use BioFlex™ foam. This foam is made with a patented process called EnviroFlex™ technology that improves the foam's core structure, thus creating a more supportive, resilient and comfortable cushion. BioFlex foam is made in America with soybeans harvested by American farmers and therefore reduces our dependence on foreign oil by using less petroleum-based ingredients. Using soybean oil and chemistry, BIOH plyols, a new foam-making ingredient was developed. The resulting foam outperforms traditional foam, yet consumes less petroleum. Independent lab testing has confirmed its superior performance over conventionally produced foam cushions. In addition, producing this foam reduced total energy demand needed to create foam by 23%, reduced non-renewable energy use by 61%, and produces 36% fewer global warming emissions. The life cycle analysis estimates this BioFlex Hybrid Foam will save more than 50,000 barrels of oil per year!

Graded Leather and Fabric

- **Elmo Leather**: Elmo is in the business of creating the finest leather in the world with the least environmental impact of any tannery on the planet today. The EU LIFE Fund has identified the 22 best LIFE–Environment projects, completed during 2005–2006. Elmo's plant for treatment of wastewater is one of them. By harnessing bacterial microorganisms natural ability to convert wastewater pollutants into nitrogen gas, the emissions from Elmo's plants were reduced by up to 80%. Furthermore, the leather is made without chrome tanning agents and can be completely recycled.
- **DesignTex**: DesignTex is a leader in sustainable materials and the industry's largest source of sustainable research and data. Their environmentally responsible offering includes non-toxic dyes, Eco Intelligent Polyester™, recycled fibers and organically grown wool.
- **Maharam**: Maharam is committed to the implementation of progressive environmental practices as a matter of corporate and design philosophy. They are certified as ISO 14001, an internationally recognized environmental management system that ensures that every environmental impact stemming from daily business has been identified and measured and that initiatives have been put in place to reduce those impacts.