



Product Description

Lexicon is designed to meet the changing needs of customers that require multiple types of configurations within one space all with the same aesthetic that utilizing the same shared components.

The product main contains the following elements :

- Panels
- Panel Junction
- Legs & Support Brackets
- Worksurface



Material Declaration

The **Lexicon System** consists of the materials listed below. The total weight of typical panel workstation is **88.46 kg**.

Metal	kg	%	Plastic	kg	%	Others	kg	%
Steel	23.04	26%	Polypropylene	0.16	0.2%	Particle Board	36.61	41%
Brass	0.04	0.05%	Polycarbonate	0.09	0.1%	Plywood	5.69	6%
Aluminum Die Casting	1.38	2%				Fabric	0.52	0.6%
Aluminum Extrusion	20.92	24%						

Manufacturing Information

The selected product **Lexicon System** is manufactured in Dongguan (China), by Steelcase

Steelcase, which was founded in 1912, has been dedicated to creating innovative products and helping people work more effectively for almost a century. Steelcase has management systems for Quality (ISO 9001) and for the Environment (ISO 14001), ensuring that our customers are guaranteed the same level of product quality and environmental performance, wherever they are in the world.

Steelcase is committed to continually reducing the environmental impacts of its products and activities on a global scale. For further information visit www.steelcase.asia

Life cycle stages



Materials

The stage includes raw materials extraction and transformation into material ready to be used.

Production

This stage comprises all production and assembly processes taking place at Steelcase or at suppliers.

Transport

Transport from suppliers to the production site and transport from the production site to Asia Pacific markets is considered.

Use

No relevant environmental exchanges occur during use of the product.

End of life

Any product can be disposed in different ways and also base on the availabilities of recycle center at the particular market. Steelcase product used high recycle content materials and is also recyclable as to sustain the environment together.

Recycle Content Calculation

	Weight (Kg)	Percentage (%)
Recycled Content (%)	45.02	51%
Post Consumer Recycle Content (%)	15.21	17%
Pre Consumer Recycle Content (%)	29.81	34%
Recyclable Content (%)	46.15	52%

Certified Result

Chemical Group	Criteria	Acceptance
TVOC Toluene	≤0.25 mg/m ³	Pass
Formaldehyde	≤25ppb	Pass
Total Aldehyde	≤50ppb	Pass
4-Phenylcyclohexene	≤0.00325 mg/m ³	Pass



For system



For desk only



End Of Life

- Lexicon System is up to 52% recyclable by weight.
- All materials used for packaging are 100% recyclable.

Material

- Lexicon System weighs 88.46 kg.
- Lexicon System contains up to 51% recycled materials.
- Cardboard and LDPE plastic film are used for packaging.
- Lexicon System is made with minimum number of components and different materials.

Use

- Lexicon System is designed for long product life cycle.
- Lexicon System has passed the ANSI/BIFMA M7.1/X7.1 indoor air quality standards.

Transportation

- Minimized packaging volume also helps to improve filling rates and thus requires less energy for shipping.
- Indirectly reduces the amount of carbon footprint

Production

- Lexicon System was designed to be made with minimal waste, energy consumption and environmental impact.
- Lexicon System is manufactured at our Dongguan, China plant certified with ISO 9001 and ISO 14001.
- Powder coat painting is virtually VOC free and heavy metals free.
- The amount of glue used is minimal. Therefore, it is easy to disassemble.

Lexicon System_ Rev01

Disclaimer : Numbers may vary based on model and options selected. Calculations of recycled content are based on data provided by suppliers and other available information. This data may include industry averages, ranges or other broadly based information. Steelcase makes conservative assumptions when compiling this information to provide the most accurate recycled content calculations possible but variability in market conditions or manufacturing processes may result in higher or lower content. This document may be subject to review and update from time to time without notice.