

Product Description

Behind the striking simplicity is a sophisticated intelligence.

Emerge desk system facilitates today's fundamental changes in the way people work and relate with each other, without compromising on ergonomic comfort, cable management and other important issues.

The ability to handle data and communication equipment and cabling is integrated into the design.



Material Declaration

	kg	%	Plastics	kg	%	Others	kg	%
Steel	23.55	58	Polypropylene	0.03	0.1	Particle Board	16.22	40
			PA6	0.10	0.3			
			PA	0.40	1.0			

Manufacturer

The selected product **EMERGE** table is manufactured in Steelcase Manufacturing Malaysia in Puchong (Malaysia).

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 see www.steelcase.com/ap

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

Description	Weight(Kg)	Percentage (%)
Recycled Content (%)	31.7	79.0%
Post Consumer Recycle Content (%)	15.5	39.0%
Pre Consumer Recycle Content (%)	16.2	40.0%
Recyclable Content (%)	24.10	60.0%
Total Weight (Kg)	40.30	100%

Certified Result

ANSI/BIFMA M7.1

Chemical Group	Criteria	Acceptable
TVOC Toluene	$\leq 0.5\text{mg/m}^3$	Yes
Formaldehyde	$\leq 50\text{ppb}$	Yes
Total Aldehyde	$\leq 100\text{ppb}$	Yes
4-Phenylcyclohexene	$\leq 0.0065\text{mg/m}^3$	Yes



Environmental life cycle

End of life

- **EMERGE** table is **60%** recyclable content by weight.
- All materials of the packaging are **100%** recyclable.
- **EMERGE** are design for simplicity, therefore parts are easy to separated and identify for recycle.

Materials

- The **EMERGE** table total weight is **40.30kg**.
- **EMERGE** table make out of **79%** of recycle content materials.
- The packaging used is from **60%** recycle materials and **100%** recyclable.
- **EMERGE** table is make from minimal amount of components and different materials.

Use

- **EMERGE** table is design for long product life cycle.
- **EMERGE** table have been tested on Indoor Air Quality and achieve a good result. Therefore, the emission of formaldehyde is virtually non.

Transport

- Minimised packaging volume also help us to improve filling rates and thus less energy for shipping.
- Indirectly reduce the amount of carbon footprint.

Production

- **EMERGE** table was designed for simplicity yet reduce production waste, energy consumption and environment impact.
- **EMERGE** table is produce at our Puchong plant certify with ISO 9001 and ISO 14001.
- Power coat painting is VOC free and free on heavy metal.
- The amount of glue used are minimal. Therefore is easy for separation.

Remark: Recycle value posted may vary in different region of Asia Pacific.

EMERGE_REV01_1108 (Reference)

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 will be reviewed and updated periodically and is subject to change without notice.