

Product Environmental Profile

- An environmental declaration according to the objectives of ISO 14021.
- Precise, verifiable and accurate information of the environmental aspects of **4.8** during its life cycle.

PRODUCT
ENVIRONMENTAL
PROFILE

PEP

Product Description

4.8 four point eight is a meeting table which integrates technology. An innovative «plug 'n play» connectivity is integrated into the centre of the table and enables the work surface to be clutter-free. 4.8 special shapes allow seeing all the participants and the presentation at the same time.

The model chosen for analysis is the most frequently ordered one (reference W4A 4G3 20) from the 4.8 range.

Standard features on this model include:

- Dimensions : H 720 mm x L 3240 mm x W 1500 mm
- Melamine top



Material Declaration

4.8 consists of the materials listed below. The total weight is 136.1 kg including packaging.

metals	kg	%
Steel	27.4	20.1
Aluminium	22.7	16.6
Zamak	1.9	1.5

plastics	kg	%
LDPE (Low Density Polyethylene) for packaging	2.4	1.8
PA6 (Polyamide 6)	1.9	1.4
EPP (Expanded Polypropylene)	1.6	1.1
PP (Polypropylene)	0.1	0.1

other materials	kg	%
Medium Density Fibre	76.5	56.1
Cardboard – for packaging	1.6	1.2

Manufacturer

4.8 is manufactured by Steelcase, in Rosenheim, Germany, for the EMEA market (Europe, Middle East and Africa). It is also manufactured in Kuala Lumpur, Malaysia for the Asian market.

Since 1912, Steelcase has been committed to continually reducing the environmental impacts of its products and activities on a global scale, by constantly seeking more effective ways to conserve resources, prevent pollution and nurture environmental consciousness in its people every day.

Steelcase has management systems for quality (ISO 9001) and for the environment (ISO 14001 and/or EMAS II), ensuring that our customers are guaranteed the same level of product performance, wherever they are in the world.

Steelcase has a multi-site PEFC (Program for the Endorsement of Forest Certification schemes) certification for five of its production facilities in Europe. The certification acknowledges that the wood used in the products has been sourced from forests managed in a sustainable way. In the USA, Steelcase was given the FSC (Forest Stewardship Council) certification.

To show continuous improvements, Steelcase communicates the environmental performance of its products through voluntary environmental labels and declarations. Sustainability related actions and results are annually communicated in the annual Steelcase Corporate Responsibility report.

Life Cycle Stages



Materials

This 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 their suppliers and sub-suppliers.



Transport

Transport from suppliers to the production site(s) and transport from the production site(s) to the EMEA market (Europe, Middle East and Africa) is considered.



Use

During the use stage of the product - the longest stage of the life cycle - no relevant environmental impacts occur.



End of life

Any product can be disposed of in different ways, or become a resource itself.

Environmental performance

Environmental labels and declarations on the product and its materials.



This product complies with the German «**Blauer Engel**» environmental certification awarded to products with a low environmental impact.



This product is **Indoor Advantage Gold** certified in Europe, certifying compliance with the indoor air quality emission requirements defined by the ANSI/BIFMA M7.1-2007 standard.



The wooden components of this product are labelled with **PEFC** (Programme for the Endorsement of Forest Certification), ensuring that wood originates from sustainably managed forests.

E1

The particle board of this product complies with the “**E1 standard**” guaranteeing a low level (less than 8 mg / 100 g) of formaldehyde emissions.

Actions for reducing the environmental impacts at each stage of the environmental life cycle.

End of life

4.8 is theoretically 98% recyclable by weight.

The cardboard and LDPE film used for packaging are 100% recyclable. 40% of EPP corners used for packaging are re-used.

Plastic parts are clearly labelled for easy sorting and an effective recycling.

Use

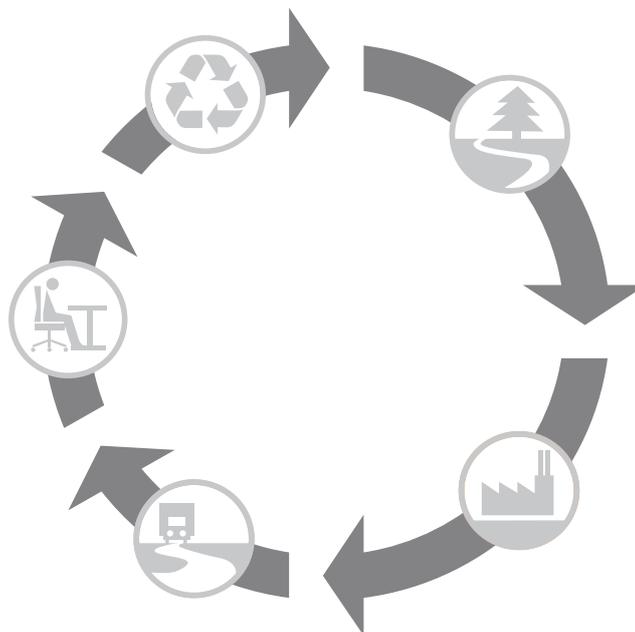
4.8 was designed for a long product life, with replaceable parts.

Maintenance information is available in the Steelcase website.

Transport

To reduce shipping, **4.8** is manufactured close to customers, in Europe and in Asia.

Minimised packaging weight and volume help us improve filling rates and thus require less energy for shipping.



Materials

4.8 contains no PVC and no hazardous flame retardants such as halogenated flame retardants.

4.8 contains 11% recycled materials by weight.

The packaging consists of 30% recycled cardboard, 30% recycled EPP corners and 90% recycled LDPE film.

Paper and packaging have prints with water-based inks i.e. without solvent.

Production

The production site in Rosenheim has an ISO 14001 and EMAS II certified environmental management system.

Powder-coat painting is VOC-free and free of heavy metals; unused paint that does not attach to the product can be directly reused in the process.

Glue used to attach edges on the table is water based and releases no VOCs.