

# ID Mesh

## Environmental Product Passport



The information in this product passport is only valid for the following variant:

ID Mesh – Art. no. 43140100

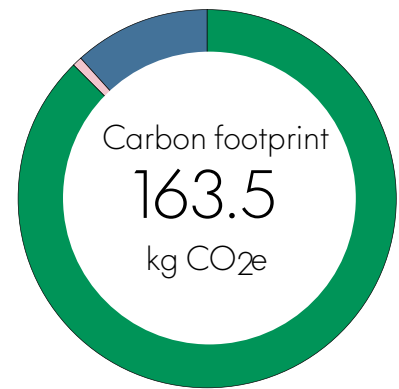
[More about ID Mesh on our website](#)

More details about Vitra's environmental mission are available at  
[vitra.com/about-vitra](https://vitra.com/about-vitra)

**vitra.**

# Carbon footprint

The carbon footprint stands for the amount of greenhouse gas emissions (also referred to as carbon emissions) generated throughout a product's entire life cycle. The carbon footprint is most commonly expressed in CO<sub>2</sub> equivalents (CO<sub>2</sub>e) as a standard measure for the warming effect of all greenhouse gases.



● Raw materials, incl. extraction and processing	143.0	87.5%
● Production, incl. manufacturing and assembly	1.8	1.1%
● Distribution, use and maintenance, end of life and disposal	18.7	11.4%
<b>Total / kg CO<sub>2</sub>e</b>	<b>163.5</b>	<b>100%</b>

This calculation includes emissions from direct suppliers (Tier 1).  
Total may vary slightly from 100% due to rounding.

# Recycling

Following the principle of the circular economy, Vitra uses the largest amount of recycled and recyclable materials possible. This proportion will increase as a result of ongoing product development.

32%

Recycled content

96%

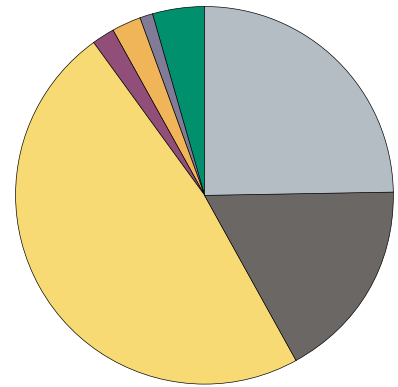
Recyclability

Post-consumer recycled content	Post-industrial recycled content	Total recycled content	Recyclability
31%	1%	32%	96%

Further information including a glossary of terms is available at [www.vitra.com/sustainability](http://www.vitra.com/sustainability).

# Material Composition

Vitra uses a wide range of materials that must all withstand stringent internal and external testing procedures. If a new material is found that is better for the environment and meets Vitra's quality criteria, suitable products are executed in that material.



● Polyamide (glass-fibre reinforced)	48.0%
● Aluminium	24.8%
● Steel	17.3%
● Polyurethane	4.2%
● Polyester	2.5%
● Polypropylene	1.9%
● Other thermoplastics	1.3%
<b>Total</b>	<b>100%</b>

Total may vary slightly from 100% due to rounding.

## Packaging and logistics

Vitra uses detailed information to elaborate targeted optimisation of transport routes. Preference is given to rail transport, and Vitra aims for the most efficient capacity management possible when using lorries.

Packaging serves to protect the product and minimise the transport volume. Packaging is reduced wherever possible and materials are optimised in terms of their impact on the environment.

Packaging and materials	Purpose	Weight
1 plastic bag made of min. 50% recycled polyethylene	Protection from dust, humidity and scratches	210 g
Cardboard box, FSC-certified made of min. 50% recycled paper	Product protection and stackability	2.5 kg

# Supply chain

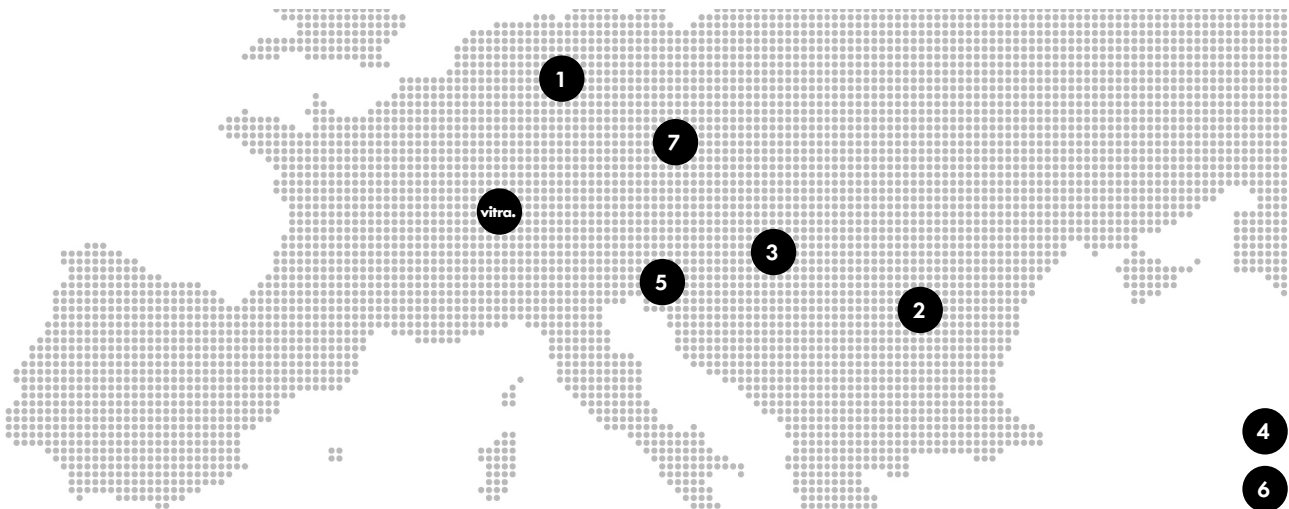
Vitra purchases its raw materials and components almost exclusively from suppliers in Europe, which simplifies compliance with uniform statutory standards and shortens transport routes. Vitra maintains long-term relationships with many of its suppliers, some spanning several decades, which is a key advantage for the further development of products, technologies and materials.

99%

European suppliers

100%

assembled in Europe



This map and percentage calculation represents Vitra's direct suppliers (Tier 1). Total may vary slightly from 100% due to rounding. Percentages by weight.

## Provenance of Components

1 Germany		92.76%
Mechanical unit		29.61%
Armrests		21.70%
Base		12.69%
Backrest		13.96%
Seat		6.66%
Upholstery (foam or fleece)		3.74%
Castors		2.65%
Lumbar support		0.99%
Other components		0.76%
2 Romania		5.65%
Gas spring		5.65%
3 Hungary		0.90%
Seat cover		0.55%
Backrest cover		0.14%
Other components		0.21%

## Other components

4 China	
5 Slovenia	0.28%
6 Taiwan	0.05%
7 Czech Republic	0.02%

## Assembly

### vitra.

Weil am Rhein, Germany	100.00%
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# Certificates

To offer transparency with regard to a product's most important environmental factors, Vitra provides certificates from external testing institutes. For this purpose, Vitra focuses on a selection of certificates that explicitly cover key elements of the respective product.

## Greenguard

The GREENGUARD label for indoor air quality recognises products that contribute to the creation of healthier indoor environments.

[Link to certificate](#)



## GS

With the GS seal for tested safety, a state-authorised inspection institute certifies the suitability and safety of the construction and monitors production at regular intervals.

[Link to certificate](#)



## Ergonomics Approved

The 'Ergonomics Approved' certificate confirms the fulfilment of ergonomic requirements and testing criteria that exceed the minimum legal regulations for office swivel chairs.

[Link to certificate](#)



## BIFMA

ID Mesh fulfils the ANSI/BIFMA standard X5.1-2011, thus meeting the stringent safety requirements for the US market.

[Link to certificate](#)

# BIFMA

## EPD

An EPD – environmental product declaration – provides transparency about the environmental impacts of a product throughout its life cycle, often referred to as life cycle assessment (LCA).

[Link to certificate](#)



## Spare parts

Castors and glides can be ordered directly from the [vitra.com](#) website. [Link to online shop](#)

For other spare parts, please contact Vitra or your local Vitra partner.

[Link to service contact form](#)



## Care instructions

Here you will find care instructions for cover fabrics, leather, plastics and metals.

[Link to website](#)

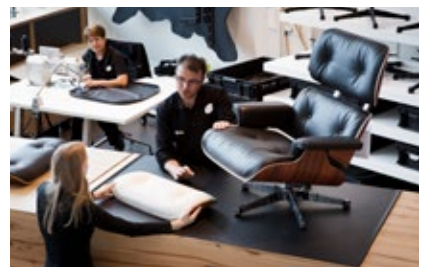


## Warranty & Service

General two-year warranty on ID Mesh.

For matters relating to maintenance and repair or general enquiries, contact our Service Team using the following form.

[Link to service contact form](#)



## Find Vitra

Here you can find the nearest Vitra location or a Vitra partner for local assistance.

[Find Vitra](#)



## Further information and contact details

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Seat cover Plano, colour nero,  
backrest cover Diamond Mesh, colour nero  
FlowMotion mechanism with forward tilt, and seat depth adjustment,  
seat frame basic dark,  
2D armrests F, polished aluminium,  
five-star base, in polyamide basic dark,  
castors hard braked for carpet

Source for Carbon Footprint:  
Environmental Product Declaration. The EPD conforms to ISO 14025, 14040, 14044 and is externally verified  
Life Cycle Impact Assessment Results for one chair (functional unit), that is used for 15 years.  
The system boundary is cradle-to-grave.

[More about ID Mesh on our website](#)

For questions relating to the environmental product passport or other enquiries on the topic of sustainability,  
please contact us at [sustainability@vitra.com](mailto:sustainability@vitra.com)

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