



WiChair.
Environmental
information.

Guiding principles.

Honest product design

We strive to develop durable products, increase their utility value and reduce waste. "Less is more" or "reduce to the max" are principles that Wilkhahn constantly reinterprets for the future. Ecologically driven design principles are a given for Wilkhahn's product development..

A spirit of fairness

At Wilkhahn, environmental and social responsibility have an equal weighting. Health, fair labor conditions and employees' rights to have a say in some company decisions are anchored in our corporate culture – and benchmarks for our global partnerships. As a member of the UN Global Compact and via a framework agreement with the ILO, we take a clear stand on global recognition and fostering of employee interests..

Ecological responsibility

Wilkhahn pursues an integrated, sustainable development approach – in harmony with commercial, ecological, social and cultural objectives. Our products comply with stringent environmental standards across their whole lifecycle. These standards include minimizing the materials used, ensuring energy-efficient production with district heating and heat recovery, as well as using climate friendly energy sources such as solar power – in the interests of fewer emissions and more responsibility.

Responsibility from the very start – Wilkhahn environmental product information

A life cycle analysis assesses the environmental impact of all Wilkhahn products throughout their whole life cycle – including generating the raw materials, producing, using and disposing of the products.



Materials

Socio-ecological assessment of raw material extraction, the procurement process, the use of materials and material characteristics.



Production

Socio-ecological assessment of the production and assembly processes via environmental management and social auditing systems.



Product utility

Socio-ecological assessment of the product usage phase with requirements such as design, ergonomics, longevity, customer service; availability of spare parts.



End of the product life cycle

Socio-ecological assessment of the product once the usage phase has ceased: Disassembly capability, recycling, disposal and product take-back.

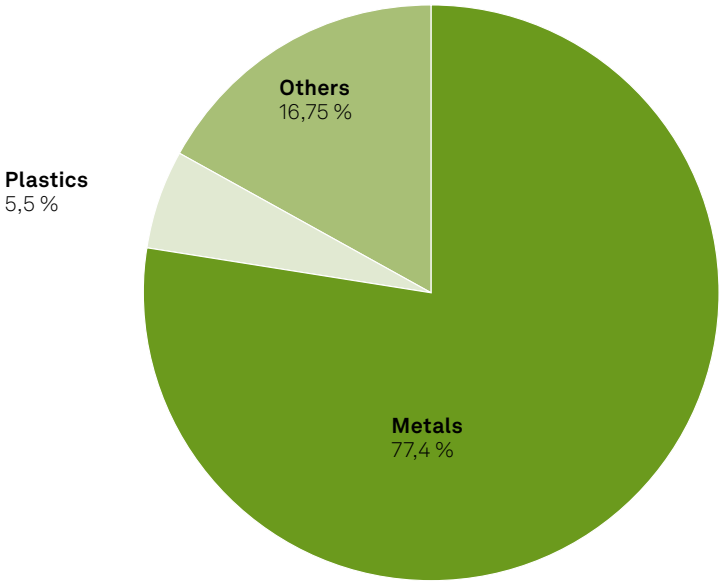


Material composition

228/20
Seat and backrest beech plywood,
Frame aluminum coated, without armrests

	kg	%
Metals	8,96	77,4
Steel	7,11	61,4
Aluminum	1,9	0,0
Plastics	0,64	5,5
Polypropylene (PP)	0,04	0,3
Polyamide (PA)	0,54	4,7
Polyurethane (PUR)	0,00	0,0
Others	0,06	0,5
Others	1,94	16,75
Wood, composite wood	1,90	16,4
Upholstery material (e.g. wool)	0,00	0,0
Total weight	11,58	100
Recycling proportion	3,24	28,0
Recycling capability	11,51	99,4

Not recyclable: Powder coating
31,92 kg CO₂



Materials are subject to stringent checks. As part of an ABC analysis, the materials are checked to ensure they are environmentally friendly and not harmful to health. Prohibited chemicals are not used in our products at all. All feedstock is listed in a register of hazardous substances. This helps to minimize the use or allow the substitution of any potentially harmful materials.

Carbon footprint

A product's carbon footprint is defined as the total quantity of greenhouse gases that occur during its life cycle – from the extraction of the raw materials to the production phase and shipping all the way to its usage and disposal. It serves as a metric for a product's impact on the climate and is a key indicator of its sustainability.

The exclusively screw-based design and the use of just a few different materials, which are also renewable, already recycled or recyclable, meet stringent sustainability requirements and mean a product carbon footprint from 31 kg CO₂e.

**228/20**

Seat and backrest beech plywood,
Frame aluminum coatings, with armrests

38,43 kg CO₂

**228/20**

Seat and backrest beech plywood,
Frame aluminum coatings, without armrests

31,92 kg CO₂

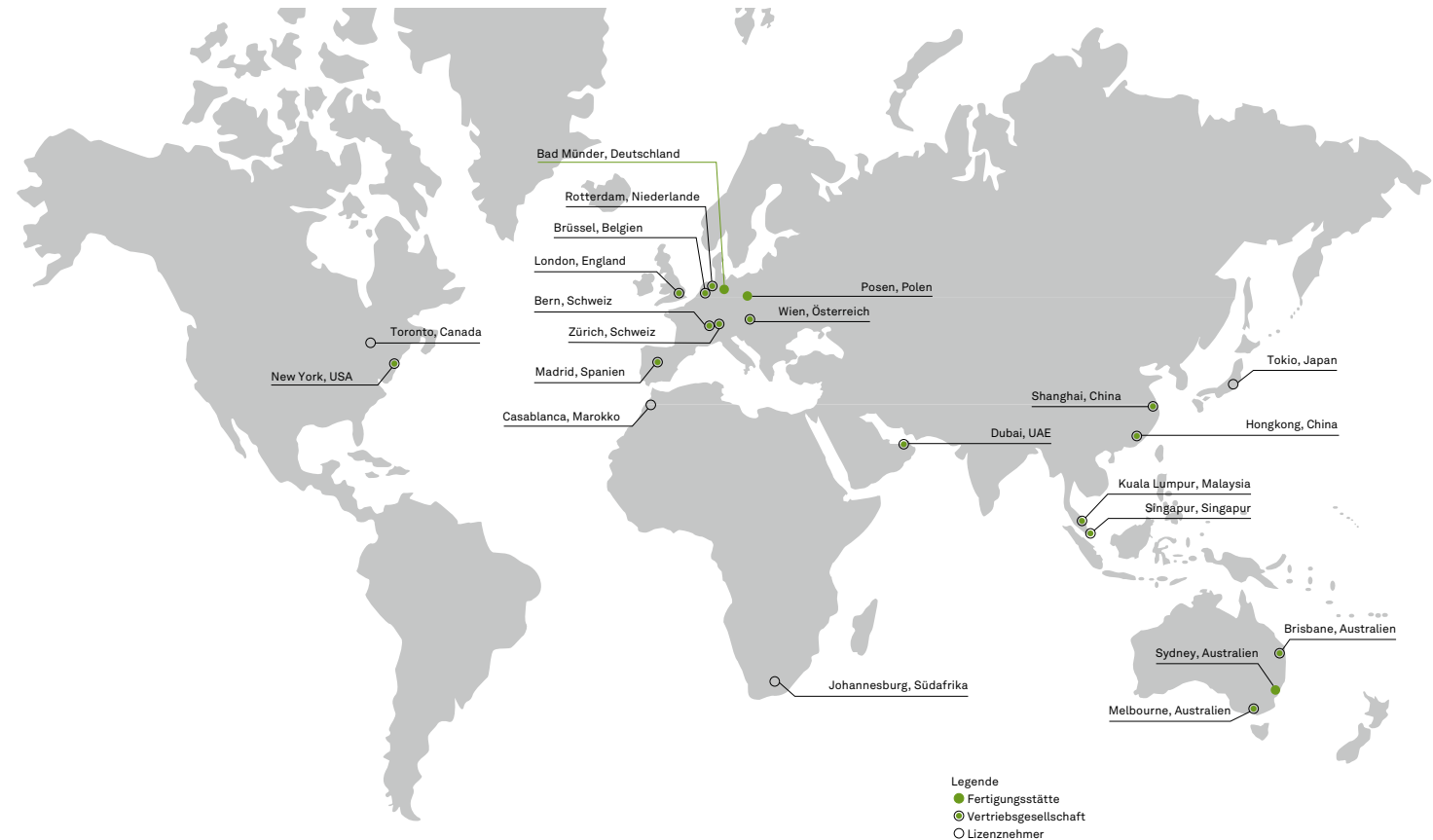
**228/30**

Seat and backrest beech plywood,
Frame aluminum coatings, with armrests,
seat and backrest fully upholstered

41,22 kg CO₂

Packaging and logistics

Wilkhahn places high demands on material quality, craftsmanship and sustainability – from the development stage all the way to shipping the products. Most of the materials used are sourced from specialized partners and meet international standards in terms of safety, ergonomics and environmental friendliness. Our supply chain is frequently audited to ensure fair labor practices, eco friendly processes and consistently high product quality.



Customers in over 90 countries value Wilkhahn's office furniture. For years, we've been keeping our packaging materials to the minimum required to ensure products arrive safely. Some 60 to 78 percent of Wilkhahn's cardboard packaging consists of recycled material. Wilkhahn also frequently uses blankets and other returnable packaging.

→ Wilkhahn only purchases materials and feedstock in Europe.

→ Production and assembly in Europe

Certification

Product



DIN EN 1335

GS certification in the pipeline.

Company, memberships



Customer service and spare parts

A visionary approach – Wilkhahn defines product responsibility as being more than just product longevity in functional and formal terms. For repairs, overhauls or spare parts, please contact our customer service department or your local dealer:

Customer service (<https://www.wilkhahn.com/en/service/after-sales/>)

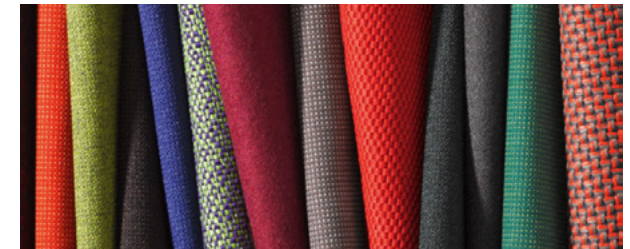
Dealer data base (<https://www.wilkhahn.com/en/service/dealers/>)



Caring for products

You can find information on caring for upholstery materials, leather, plastics and metals here:

Cleaning and sanitizing (https://www.wilkhahn.com/fileadmin/general/company-themes/cleaning-desinfection/Wilkhahn-Cleaning_and_Disinfecting_information-ENG.pdf)



Contact us if you require more information.

Wilkening + Hahne GmbH+Co.KG

Fritz-Hahne-Str. 8
31848 Bad Münder
Germany
Tel.: +49 5042 999 100
contact@wilkhahn.de
www.wilkhahn.com

