

SUSTAINABILITY PROFILE



PRODUCT FEATURES

hero plus with high-quality mesh upholstery can be used anywhere: as an agile swivel chair or on casters in someone's office at home or at a workplace. As an elegant sled-base chair in a seminar or meeting room. Or as a stackable multipurpose chair on a sleek four-legged frame with an MFE plus multifunctional element with an integrated row linking device. You can even perfect the configuration of your hero plus to suit you, with plenty of design options to choose from for the mesh, supporting structure and frame.

Pleasant seating
comfort

Multifaceted in use

Durable and
easy to clean

Breathable



REFERENCE MODEL



The **hero plus 4609** model was used for the following analyses as representative of the hero plus product series.

The standard equipment of the model includes:

- Four-footed round tube steel frame, chromed, consisting of two single-piece trapezoid side elements.
- Linking device made of steel investment casting, integrated into the multifunctional element MFE.
- Plastic frame made of glass fibre reinforced polyamide, with pronounced knee roll, shaped as a handle bar in the back.
- Circumferential groove for a secure fixing of the mesh material to the piping section.
- Version without armrests.

OTHER MODELS IN THE SERIES



4603

4613

4623

4608

4628

4619

4690

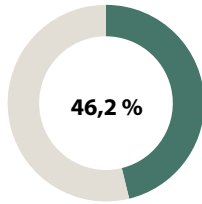
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MATERIAL INFORMATION

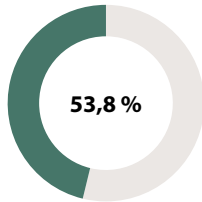
The high-quality raw materials we use in our production processes are at the heart of our furniture products. From the specification to the finished furniture product, environmental and health aspects are important to us every step of the way. It is thanks to our care and attention that our customers can rely on carefree comfort with every piece of our furniture. And we never want to stop improving, so we are forever looking for sustainable alternatives with promise for our portfolio.



Plastics	g	%
Polyamide	1930	40,32
Mixed fabric made of polyester / polyamide	204	4,26
Polypropylene	75	1,57
PTFE	2	0,05



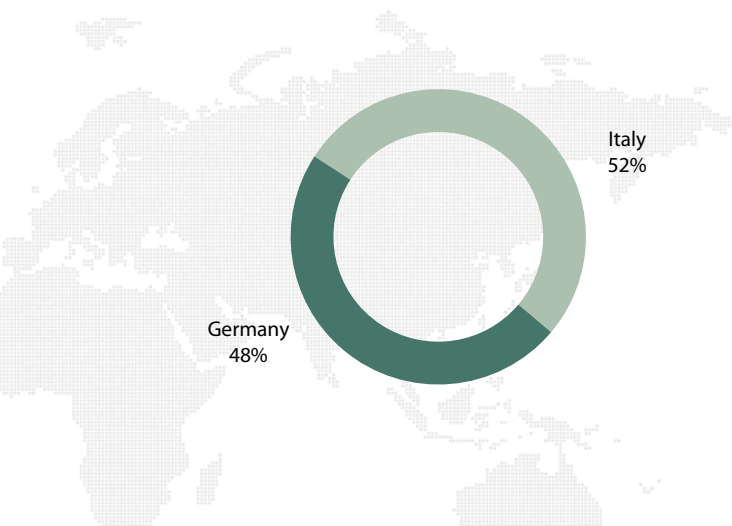
Metals	g	%
Steel	2575	53,8
Total	4787	100



Packaging	g	%
Cardboard	1000	41,7
Bubble wrap	63	2,7
Inca pallet	1333	55,6
Total	2396	100,0

- All materials used are REACH-compliant and do not contain any SVHC candidates above 0.1% by mass
- The following substances and compounds are not used in the manufacture of the components:
 - Halogenated organic blowing agents chlorofluorocarbons (CFCs), partially fluorinated hydrocarbons (HFCs), partially halogenated chlorofluorocarbons (HCFCs)
 - Aniline-based amines
 - Polyvinyl chlorides (PVC)
 - Conflict minerals (tin, tantalum, tungsten, gold)
 - Polycyclic aromatic hydrocarbons (PAHs)
 - Per- and polyfluoroalkyl substances (PFAS)
- Plastics with a part weight of ≥ 50 grams are usually labelled for recycling in accordance with ISO 11469.

SUPPLY CHAIN



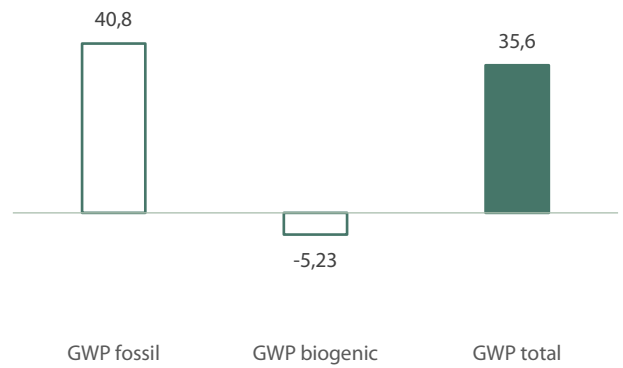
Our supply chain is characterised by a strong network within Europe, whereby we mainly rely on regional and European partners. This short supply chain enables us to operate efficiently and sustainably, as transport routes are minimised and cooperative relationships are strengthened.

The components of the hero plus 4609 are manufactured in the following countries:

LIFE CYCLE ANALYSIS¹

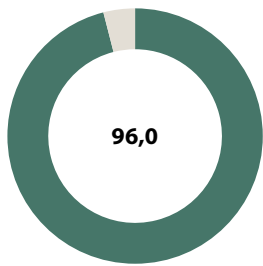
GWP total	35,6 kg CO ₂ e
GWP fossil	40,8 kg CO ₂ e
GWP biogenic	- 5,23 kg CO ₂ e
Depletion of the ozone layer	5,8E-06 kg CFC ₁₁ e
Acidification	0,19 mol H ⁺ e
Smog	0,12 kg NMVOCe
Energy consumption	182,0 kWh
Water consumption	0,66 m ³ e

CO₂ footprint² [kg CO₂e]



OTHER KEY FIGURES

Recyclability³ [%]



The recyclability of a product refers to the proportion that can be fed into a recycling process at the end of its service life.

Recycled content⁴ [%]



The recycled content indicates the percentage of the product that consists of already recycled material in relation to the total weight. A distinction is made between two types of recyclates. Post-consumer recyclates are obtained from end consumer waste. Post-industrial recyclates, on the other hand, are based on plastic waste generated during the processing of plastics. As post-industrial recyclates are produced by businesses, they are also referred to as pre-consumer recyclates.

¹A1-A3, according to EN 15804+A2

²A1-A3 according to EN 15804+A2. The basis for the calculation is the functional unit (defined as the product unit), which is determined by the total weight of the product. The cradle-to-grave perspective is applied.

³The efficiency of recycling varies depending on the type of material. Our calculations on recyclability are therefore based on information from suppliers, industry organisations or industry averages. It should be noted that the potential for recycling may vary depending on the applicable local regulations. Adhesives, paints, oils and lubricating greases are excluded from recyclability. These are disregarded in the list of materials due to the small quantities involved.

⁴The recycled content is calculated in relation to the total weight of the product without packaging. The determination of the value is based on information from suppliers and other available sources. The information may be industry averages, industry standard values or other data. However, changes in the market or in the manufacturing processes can influence the values in different directions.

CERTIFICATIONS & LABELS

The certifications and labels listed below are available for hero plus.

Manufacturing

Place of manufacture: Rheinau, Germany.

- The production facility is ISO 9001 and ISO 14001 certified.
- 0 % Waste to landfill

Product

TÜV tested for harmful substances & emissions
hero plus 4608, 4628 are certified.



Material

EU Ecolabel

Approximately half of all fabrics in our standard range are certified with the EU Ecolabel.

OEKO-TEX®

Some of the fabrics in our standard range have been awarded the OEKO-TEX® certificate.

Greenguard Gold

Most of the textiles supplied by Kvadrat in our standard range have been awarded the Greenguard Gold certificate.

Blue Angel

Both our leather collections are certified with the Blue Angel.

CONTRIBUTIONS TO BUILDING CERTIFICATIONS

Brunner products can contribute to points for sustainable building certification, such as LEED and WELL, due to various features. We will be happy to assist you if you require further information.

FURTHER INFO & CONTACT

Further information on sustainability at Brunner can be found online at brunner-group.com



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To the product data sheet:

