

1100 TRIO

Product properties with regard to environmental protection and sustainability

Environmental responsibility

Long before the production of a new series, Kusch + Co starts thinking about the environmental aspects of the production processes and the required components.

Sustainability

Our philosophy of sustainability encompasses the product's entire service cycle – from the material procurement, the production and the delivery all the way to the recycling process at the end of the product's long lifespan.

Quality assurance

In order to guarantee a constant high-level product quality, Kusch + Co is certified in accordance with the quality management system DIN EN ISO 9001:2000 and the environmental management system DIN EN ISO 14001:2005. We offer a 5-year warranty as standard.

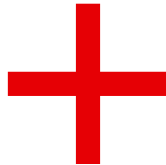
Life Cycle Assessment

Materials

- The models of series 1100 Trio are free from hazardous materials (lead, mercury, pvc and hexavalent chromium).
- All components of series 1100 Trio comply with the legal PAH standards.
- Kusch + Co uses formaldehyde- and CFC-free foam that meets the Oeko-Tex® Standard 100.

Production

- An environmentally friendly production that is certified in accordance with DIN EN ISO 14001:2005.
- The lacquer recovery system makes the disposal of lacquer sludge redundant.



Environmental Product Declaration

- Our chrome-plating finish excels in corrosion protection and is physiologically harmless during the production and use of the series 1100 Trio. We do not use perfluorinated surfactants (which may increase the cancer risk) for our chrome-plating.
- Kusch + Co is a PEFC certified company.

Transportation

- The transportation energy is offset by the lightweight 1100 Trio chairs and the space-saving packaging.
- The packaging material is reused before it is recycled.
- Kusch + Co's dual disposal system is certified by Interseroh. Approximately 20 tonnes of packaging material is recycled every year.

Usage

- In order to simulate the conditions of a 12-year service life, we have set up quality tests for GS certificate for Product Safety with increased test cycles.
- A long life cycle is guaranteed with most parts being exchangeable.

Waste disposal

- The models of series 1100 Trio can be disassembled; all parts are separated and sorted.
- All plastic parts are labelled properly for recycling.
- The models of series 1100 Trio are recyclable to approx. 96 %.





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Material composition

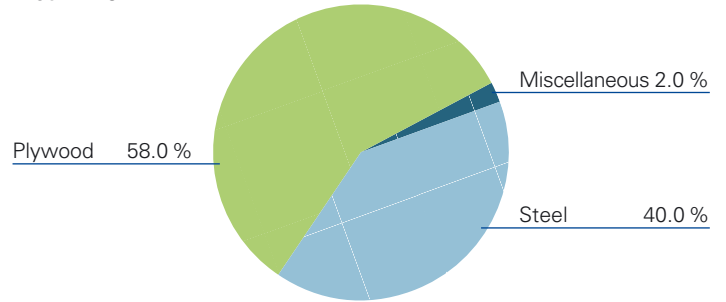
Model	1160/2	1164/4	1174/3	1145/1
Weight	5.0 kg	6.0 kg	9.0 kg	9.5 kg
Recycled components*	6.5%	5.9%	9.3%	16.1%
Recyclability	98.0 %	96.7 %	97.8 %	96.8 %

All individual parts can be disassembled and sorted. The recyclability is exclusive of adhesives, grease, oil, small parts and screws which are not recyclable.

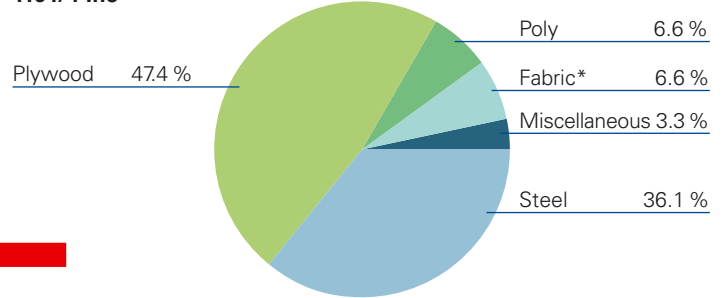
These certificates prove the environmental and social compatibility of series 1100 Trio



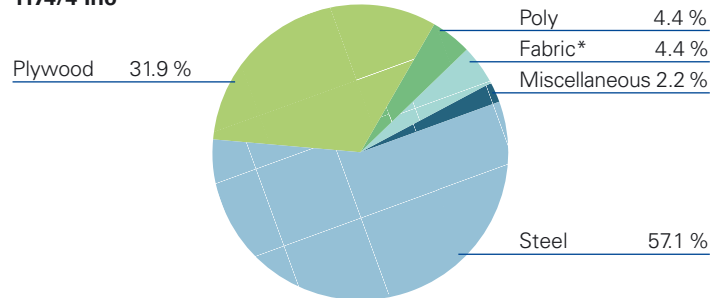
1160/2 Trio



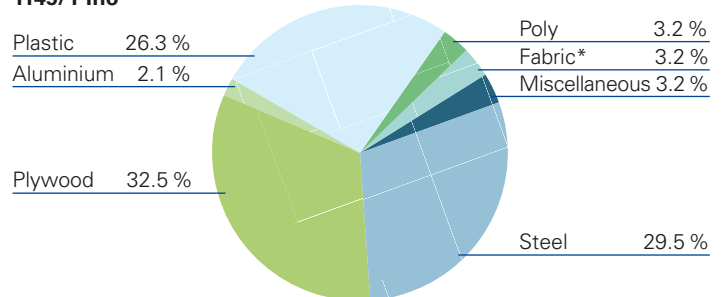
1164/4 Trio



1174/4 Trio



1145/1 Trio



* When the fabric Urban Plus is used, the percentage of the fabric is to be added to the recyclability. Urban Plus is made of 100% of recycled materials.



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Kusch + Co supports LEED

The US Green Building Council developed the LEED system (Leadership in Energy and Environmental Design).

This rating system assesses the environmental sustainability of buildings, from the foundations up to the roof. The models of series 1100 Trio may help to acquire Credit Point and assist in obtaining the LEED Certificate.

Commercial Interiors 2.0 Materials & Resources

Credit 2.1	Construction Waste Management, 50 % of the packaging material is reused	Construction Waste Management Kusch + Co uses corrugated cardboard, card-board box, bubble wrap and foam wrap for packaging. These materials may be entirely recycled, thus reducing the packaging volume.
Credit 2.2	Construction Waste Management, 75 % of the packaging material is reused	Construction Waste Management Kusch + Co uses corrugated cardboard, card-board box, bubble wrap and foam wrap for packaging. These materials may be entirely recycled, thus reducing the packaging volume.
Credit 3.3	Resource Reuse, 30 % of the furniture and decoration	Resource Reuse Kusch + Co products have a very long life cycle and may therefore be reused for future developments and projects. Individual parts, such as upholstered parts, are easily exchangeable. Within the framework of the Product Safety Certificate, Kusch + Co products are tested with increased test cycles. With a daily use of approx. 8 hours, a lifespan of 12 year is expected.
Credit 4.1	Recycled Content, 10 % (post-consumer + 1/2 pre-consumer)	Recycled Content The model 1145/1 is made of 16.1 % of recycled materials. At the moment, it is not possible to differentiate between post- and pre-consumer.
Credit 5.1	Regional Materials, 20 % regionally produced	Regional Materials Depends on the site of the final assembly.
Credit 5.2	Regional Materials, 10 % of regional origin and produced regionally	Regional Materials Depends on the site of the final assembly. Kusch + Co factory lies in 59969 Hallenberg, Germany.
Credit 6	Rapidly Renewable Materials	Rapidly Renewable Materials Many fabrics are made of rapidly renewable materials, such as cotton, wool or leather. All fabrics in questions: Cava 3 grade 1 Remix grade 2 Uno grade 2 Bass 3 grade 3 Nappa leather leather grade 1 Grain leather leather grade 2 Nature Soft leather grade 3

The models of series 1100 Trio can add a maximum of 6 Credit Points to a LEED certification.

Model 1145/1 can add up to 7 Credit Points to a LEED certification.

CFC Chlorofluorocarbon
PAH Polycyclic Aromatic Hydrocarbons
PEFC Programme for the Endorsement of Forest Certification Schemes

The number of Credit Points may vary for each project individually. The Credit Points have to be determined for each project separately. The percentage of recycled materials is based on the data from our suppliers. These data may include average values. Kusch + Co has no influence whatsoever on the production processes and material composition of its suppliers and is not liable for variations. This data sheet is regularly checked and updated when necessary.