

AS100 UPHOLSTERY

HOWE

PRODUCT ENVIRONMENTAL PROFILE REPORT



DESIGNED BY ANDREAS STÖRIKO 2020

AS100 UPHOLSTERY

A New Sense of Mobility. The AS100 swivel chair is smart, comfortable, and at a quality level that makes it stand out. It is part of a product family of nesting chairs and tables, called AS series and designed by the successful German designer Andreas Störiko. The AS100 meets the growing need for flexible spaces and agile processes, providing mobility and freedom to arrange work, study, and meeting setups at your will. Due to its patented nesting ability and mobile castor base, the AS100 can be moved across the aisle, stacked into the storage room or into the lift by just one person.

FEATURES

Learn more about HOWE and our Moving Sustainability initiatives here:

<https://www.howe.com/moving-sustainability>

SUPPLIERS

HOWE works closely together with our suppliers to continuously reduce our products' impact on the environment. HOWE is thus setting high environmental demands for both HOWE and our suppliers to comply with.

FSC®

All wooden components of the AS100 chair are FSC® C041311 certified as standard - the guarantee that the veneer origins from forests that have been managed in an environmentally-friendly, socially responsible and economically viable manner.

UPHOLSTERY

The AS100 upholstery material is produced with no use of CFCs (Chloro-Fluoro-Carbons), and foams are Oeko-Tex certified.

Flammability:

Foams used during production are BS 5852, CAL 117, EN 1021, AM 18, UNI 9175 and FMVSS 302 < 100mm/min complaint for EU and CAL 117 for US/CAN.

RESIN IDENTIFICATION

The plastic components of AS100 are marked with ASTM (ISO 11469) resin identification codes whenever possible in order to facilitate correct sorting of components for recycling.

DESIGN FOR DISASSEMBLY

It is a fact that products assembled with complex assemblies or requiring multiple tools are not likely to be repaired or recycled. Therefore, AS100 is cleverly designed to be easily disassembled by the use of a few handtools only.

A SUSTAINABLE FRAME

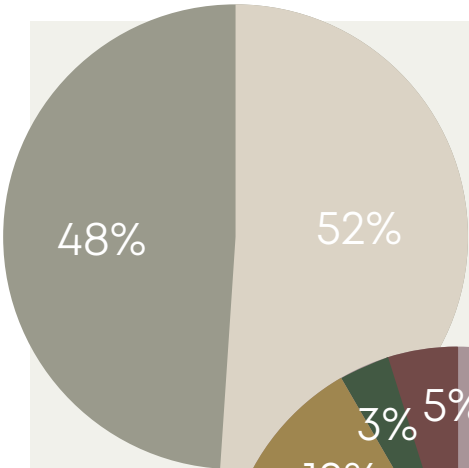
The frame consists of 87% aluminum, 5% plastic and 5% of steel. It contains a minimum of 80% recycled content and is 92% recyclable.

RECYCLED ALUMINIUM PARTS

All aluminium parts of AS100 are produced from 92% recycled aluminium, which requires only 5% of the energy it would require to produce the parts from new aluminium.

DID YOU KNOW THAT...

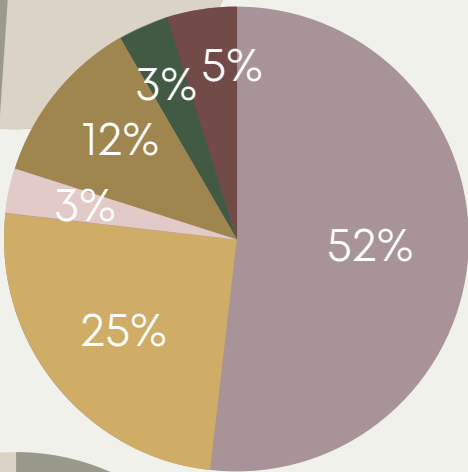
- AS100 upholstery is 80% recyclable at the end of the product's life?
- AS100 upholstery is FSC® certified at no upcharge to customers?
- AS100 contains no PVC
- AS100 upholstered side chair's calorific value is 262 MJ
- AS100 upholstered armchair's calorific value is 288 MJ
- AS100 is space-saving and thus resource saving both during transport and use?
- AS100 is a combination of timeless and durable design?
- AS100 is cost efficient and replacements of components are easily manageable?
- AS100 is easy to disassemble for recycling?
- AS100 has a 10-year warranty?



AS100 SIDE CHAIR UPHOLSTERY

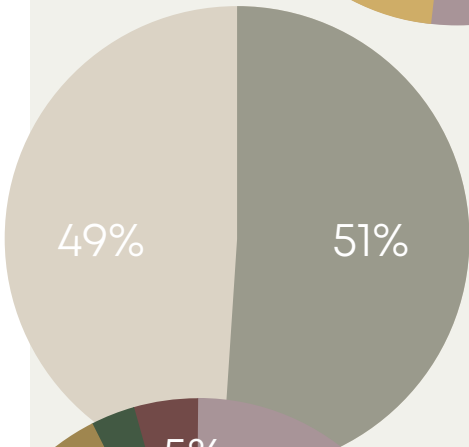
Recycled content

- Pre-consumer recycled content 48%
- No recycled content 52%



Material content

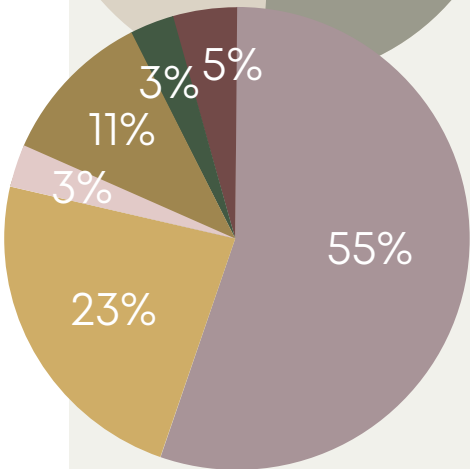
- Steel 3%
- Wood 25%
- Aluminium 52%
- Foam/textile 12%
- Plastic 3%
- Other 5%



AS100 ARMCHAIR UPHOLSTERY

Recycled content

- Pre-consumer recycled content 51%
- No recycled content 49%



Material content

- Steel 3%
- Wood 23%
- Aluminium 55%
- Foam/textile 11%
- Plastic 3%
- Other 5%



This report summarizes HOWE's internal LCA results for the AS100 chair. It is not a PEP ecopassport® or verified EPD. For a verified EPD (if available), see the [International EPD Library](#) or request verification documentation.

Subject to ongoing changes and adjustments.

11.2025