

AS400 + AS500

HOWE

PRODUCT
ENVIRONMENTAL
PROFILE REPORT



DESIGNED BY ANDREAS STÖRIKO 2020

AS400 + AS500

The AS400 and AS500 tables are smart, mobile, and at a quality level that makes them stand out. They are part of a product family of nesting chairs and tables, called AS series and designed by the successful German designer Andreas Störiko. The AS series meets the growing need for flexible spaces and agile processes, providing mobility and freedom to arrange work, study, and meeting set-ups at your will. Due to their nesting ability and mobile castor base, the AS tables 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 versions of AS400 and AS500 are available as FSC® C041311 certified – the guarantee that the wood origins from forests that have been managed in an environmentally-friendly, socially responsible and economically viable manner.

VOC EMISSION

All HOWE laminate tabletops emit only 41 and 27 µg/m²h of formaldehyde (for chipboard and MDF versions accordingly), which is 52/68% below the limit value allowed by ANSI/ BIFMA X7.1 standard for furniture components utilized in private offices.

For veneer table tops the emissions are even lower: 7 µg/m²h of formaldehyde (92% below limit value).

The best option is nanolaminate: less than 2 µg/m²h of formaldehyde (98% below limit value). Therefore, the AS tables ensure healthy indoor air quality, helping to comply with LEED standards.

RESIN IDENTIFICATION

The plastic components of AS tables 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, AS tables are cleverly designed to be easily disassembled by the use of a few handtools only.



RECYCLED ALUMINIUM PARTS

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

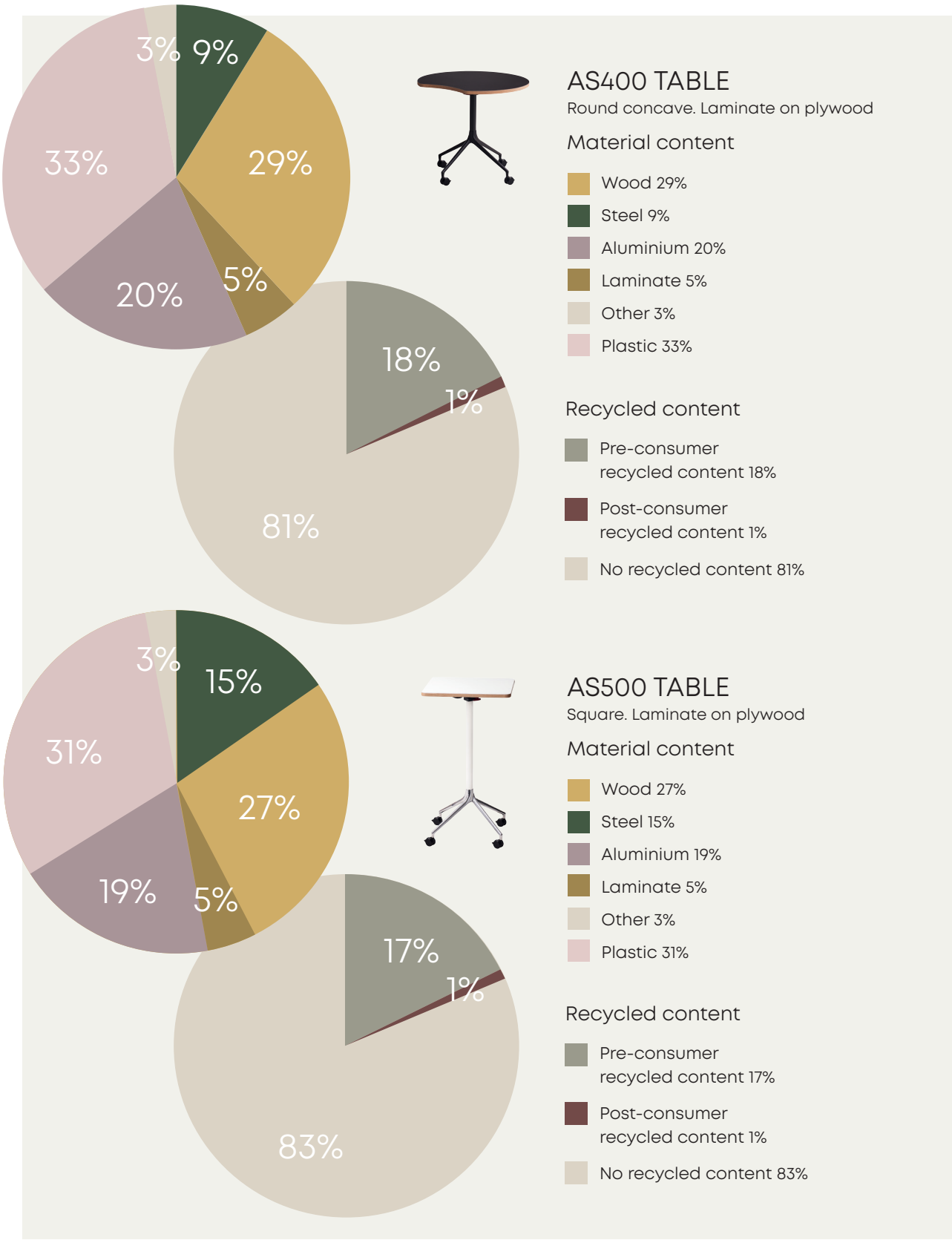
A SUSTAINABLE TABLE BASE

The AS table bases are 89% (AS400) and 91% (AS500) recyclable at the end of the product's life.

DID YOU KNOW THAT...

- AS tables are 64% (AS400) and 66% (AS500) recyclable at the end of the product's life?
- AS tables contains no PVC?
- AS tables are space-saving and thus resource saving both during transport and use?
- AS tables are a combination of timeless and durable design?
- AS tables are cost efficient and replacements of components are easily manageable?
- AS tables are easy to disassemble for recycling?
- AS tables have a 10-year warranty?





This report summarizes HOWE's internal LCA results for the AS400 and AS500 tables. 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.

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