

## Atelier Bar Stool

Design: TAF Studio, 2021



### SUSTAINABILITY

Artek products are manufactured in series. The nature of its products, however, and the materials it uses stand opposed to purely mechanical and fully automated processing. Combining modern production methods with expert handcraftsmanship, Artek furniture is manufactured in keeping with the original vision of Alvar Aalto.

Regional sourcing, sustainability, and safety are pursued without compromise, both by Artek and its partners, ensuring ethical manufacture and design of the highest quality. Knowing how products are made where raw materials are sourced, and the ethical and environmental impacts involved, is part and parcel of responsible consumerism. Artek aims to be completely transparent, and its products – built to endure, easy to adjust or adapt – are more relevant than ever.

Environmentally responsible, safety orientated, and made to last, Artek furniture, lighting, and accessories are continuously and thoroughly tested so that the Artek name guarantees not only design excellence, but highest quality. Regardless of whether an item or component is produced at Artek's factory in Finland or by one of the company's carefully selected partners, rigorous standards are met.



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### MATERIALS

#### SOLID WOOD, VENEER, PLYWOOD

Wood is a renewable, natural raw material. All solid wood, veneers and plywood used for the Atelier Bar Stool are coming from well-managed forests in the region of manufacture. As Atelier Chair is made in Italy we do not offer a version in Finnish birchwood, but only local wood species as Beech, Ash and European oak.

All the wood products used by Artek satisfy the emission category E1 and therefore emit less than 0.1 ppm formaldehyde.

#### ADHESIVES

Atelier Bar Stool consists mainly of solid wood. Adhesives are only scarcely used in the thin plywood of the seat and for the joints.

#### ALUMINIUM

Due to its low weight and its recyclability, aluminium has been used for the footrests of Atelier Bar Stool. Generally, the percentage of recycled aluminium within the material is 53% (which takes 95% less energy than using raw aluminum).

#### STEEL

is a stable compound of iron and carbon with various added alloys. At the end of the product life cycle, steel components can be melted down and completely recycled.

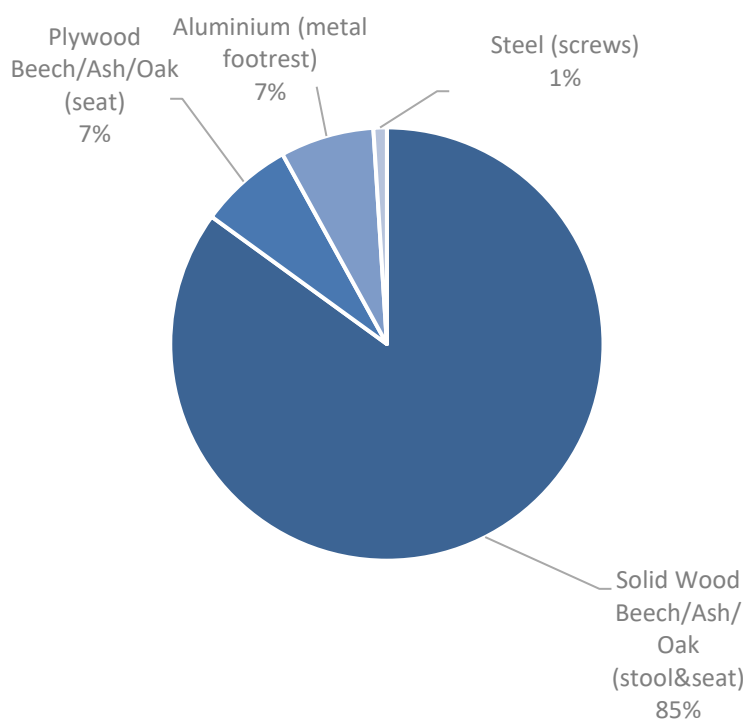
#### RECYCLABILITY

Solid wood and engineered wood can be used thermally to generate energy or can be crushed and recycled as materials into new engineered wood materials. Due to the high content of pure natural materials emissions are very low.

The packaging materials used for Atelier Bar Stool can be easily separated. The recyclability of the packaging is close to 100% since mainly corrugated cardboard plus PE-foil is used.

#### PACKAGING

Atelier Chair comes in a corrugated cardboard box and a PE-bag.



Material used in Atelier Bar Stool version natural lacquered Oak, Ash or Beech in 75cm.