

## Rival Chair

Design: Konstantin Grcic, 2014



### 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 BIRCH WOOD, BIRCH PLYWOOD

Wood is a renewable, natural raw material. All wood components used for Kaari Wall Shelves come from European Oak (*quercus robur*). Solid wood generally acts as a carbon sink - as long as the product is in use.

#### CHIPBOARD

Flat press boards or chipboards are engineered woods manufactured from by applying heat and pressure to a mix of wood chips and synthetic resin adhesive. Resins of varying compositions are the most commonly used adhesive means. Chipboard panels are lighter than medium density fibreboard panels.

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

#### STEEL

is a stable compound of iron and carbon with various add alloys. For the rotation axis of the Rival Chair, steel has been used due to its inherent strength and longevity.

#### POLYPROPYLENE

Polypropylene has been used for the seat shell of the movable Rival Chair due to its resistance to fatigue.

#### LEATHER / FABRIC

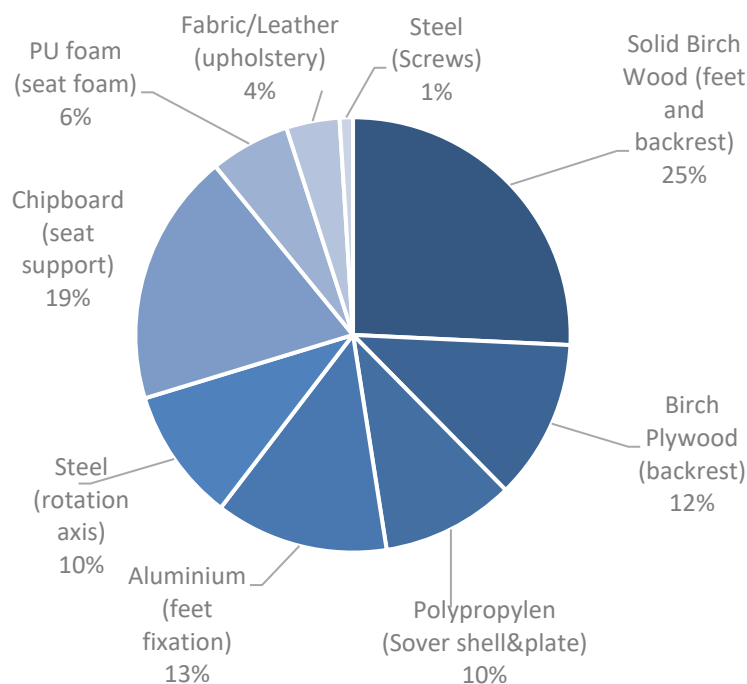
Rival Chair is available in a selection of high quality and resistant fabrics and leathers. Artek fabrics and leather options are inspected to above average high quality standards.

#### RECYCLABILITY

The Solid wood can be used thermally to generate energy or can be crushed and recycled as materials into new engineered wood materials. At the end of the product life cycle, steel components as well as aluminium components can be melted down and completely recycled. Also the recyclability of the packaging used for Rival Chair is close to 100% (mainly corrugated cardboard&PE-foil is used).

#### PACKAGING

The Rival Chair comes in a corrugated cardboard box.



Materials used in Rival Chair KG002.

