Kaari Wall Shelf REB010

Design: Ronan and Erwan Bouroullec, 2015

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 the company's carefully selected partners, rigorous standards are met.

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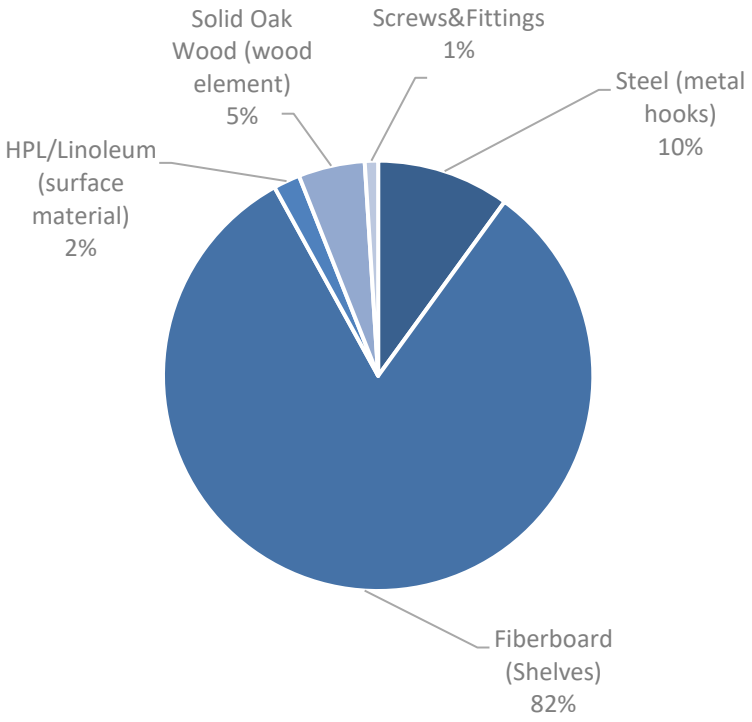
MATERIALS



FIBERBOARD

Fiberboard is a very dense and bending resistant material that consists of finely defibered wood that is pressed into a ve uniform fiberboard with the addition of duroplastic binders ai additives.

SOLID OAK WOOD

Wood is a renewable, natural raw material. All wood used for Kaari Wall Shelves comes from European Oak (quercus rc Solid wood generally acts as a carbon sink - as long as the product is in use.
All the wood products used by Artek satisfy the emission cate E1 and therefore emit less than 0.1 ppm formaldehyde.

STEEL

is a stable compound of iron and carbon with various added alloys. For Kaari Wall Shelf REB010, cold-rolled and powder-coated steel has been used due to its inherent strength and longevity.

LAMINATES /HPL

also HPLs (high pressure laminates) are sheets consisting of l of cellulose fibrous material impregnated with thermosetting resins and bonded together in a high pressure process. More 60% of the HPL consists of paper and the remaining 30 to 40 consists of thermosetting resins are irreversibly interreacted through cross linked chemical bonds formed during the curing process producing a non-reactive, stable material.

LINOLEUM

is a natural material made from raw materials such as linseed oil, pine resin, ground cork dust, wood flour and mineral pigments. Our linoleum is made in Europe and all of its components are fully REACH compliant.

RECYCLABILITY

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 can be melted down and completely recycled.
Also the packaging material used for Kaari Wall Shelves can be easily separated for recycling. The recyclability of the packaging is close to 100% since mainly corrugated carboard plus PE-foil is used.