



KARL ANDERSSON & SÖNER
SINCE 1898

DECLARATION OF CONTENT IN FURNITURE

Manufacturing Country

Sweden

WOODEN MATERIAL

Timber

We use wood from companies that are aware of their environmental responsibilities and comply with existing rules and regulations. Many of the suppliers are also certified according to PEFC or FSC – Certified wood. These suppliers we use in the first place. We use no raw material from illegal logging or genetically modified trees.

Blockboard

We do our own laminated wood, aka blockboard. Laminated wood is a strong sheet material constructed with a core of wooden sticks. All wood is alder or fir and comes from Sweden.

Solid wood and veneer

Ash, beech, birch, oak, cherry comes from Sweden, Finland, Denmark, Germany, USA, Canada among other.

Walnut comes from the U.S. and Canada.

All countries have an active forest policy which means that the forest is regarded as an important natural resource that must constantly be renewed.

We do not use tropical hardwoods such as teak, mahogany or similar. If demanded we can by staining achieve desired colors on our furniture.

MDF Board

MDF wood board is FSC certified and meets the E1 norm. That means low formaldehyde emission, ie below 0.12 mg/m³ (0.1 ppm). The products are used as MDF barrier veneer, panels, cabinet frames and table tops.

ADDITIONAL RESOURCES

Bulletin Board

Bulletin Board is a very environmentally friendly material made of natural and renewable raw materials. A combination of oxidized linseed oil, resin and finely ground cork gives the Bulletin Board its flexibility and elasticity. Bulletin Board is used on our pinboards.

Desktop / Furniture Linoleum

Furniture Linoleum is made of very finely ground linoleum granules consisting of pure oxidized linseed oil and natural resin from pine, with an addition of wooden flour and color pigment. The surface is treated with an aqueous and cross-linked, which is stronger and more flexible, acrylic lacquer that protects the furniture surface. Desktop / Furniture Linoleum is used on table tops.



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Laminate and Whiteboard

High-pressure laminate is a sheet material consisting of several layers of paper which are coated with phenolic resin and melamine and are pressed together under high pressure.

Laminate is used as coatings, in addition to veneer.

Laminate is a great choice for the environment and can be an alternative to painted surfaces. It contains no chemical additives included in list of candidates of REACH. Laminate is mainly used on our tabletops.

Whiteboard which we use is a high gloss laminate with a thin steel film. Whiteboard is available as surface on some of the display system.

HIMACS

HIMACS consists of a mixture of natural minerals and acrylic pigments. The natural minerals are obtained as a byproduct in the production of aluminum. HIMACS is a really durable long-lasting material. If scratches would occur, sand the surface and you will have a completely "new" piece of furniture again.

HIMACS is recyclable and can be used to produce new HIMACS discs or handled as stone and concrete for landfill.

Felt

The felt we use is recycled polyester fiber (from PET bottles) mixed with new fibers that are heated and then pressed under high pressure. The felt can be recycle100%. Felt is used on some bulletin boards and as details on tables.

Sound Felt-Rec

Sound Felt -Rec is a material composed mainly of recycled PET bottles and textile waste.

Sound Felt Rec is good as sound-absorber and is used in the acoustic panel Pillow. Pillow is 100% recyclable.

PureSound

Pure Sound is a PU foam (polyurethane) which has good sound absorbing features. The material doesn't contain any harmful substances and can be recycled. The material is also fire-resistant. Pure Sound is used as sound absorbing material in our product Press and Kanecct.

Steel

All steel components include a certain amount of recycled material. The amount varies depending on the demands of the surface. All steel components are recyclable and in most cases able to separate from other parts without special tools.

The metals used are stainless steel, steel and aluminum.



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Chrome: Many of our furniture is subjected to high wear and tear in homes and in public spaces. Therefore the products are very suitable to surface with chrome. A chrome finish makes the furniture last longer. The chromium used is called Chromium III (3 -valent chromium) that is considered to have less environmental and health impact than Chromium VI (6 -valent chromium).

Powder coating: When painting we are using our suppliers solvent-free, fast-curing powder coatings that are applied in modern electrostatic systems with recycling features.

Aluminum

Aluminum is a light metal and can be recycled over and over again. The table Tailor has a sand cast aluminum alloy as a leg fix. Aluminum is melted down and cast into molds consisting of sand, soot, clay and water. No chemical additives are used and after casting and the sand is reused in new molds. By default, the leg bracket is cushioned, which means that small balls are swirled with the detail in a liquid bath.

Concrete

Concrete is a mixture of cement, water and ballast (= sand, gravel, stone). The concrete hardens because of the chemical reaction that occurs when water is mixed with cement. The foot in the lollipop is made of concrete and is surface treated with an aqueous dust binder.

Plastic

Plastic is used in very small amounts in our products. Footbags, door stops and the like are typical parts where plastic is included. PMMA, more commonly known as plexiglass which is an acrylic resin, is used in some of our magazine stands. plexiglass is recyclable.

Glass

Glass is used in many products like glass doors, table tops or in magazine racks. The glass is processed by a local supplier. The product Front has tempered glass and other products have floated glass. Tempered glass is available as a supplement. Every kind of glass used is recyclable.

Padding materials

We use cold foam glued on wooden frames with water-based glue. Cold foam meets the requirements of formaldehyde emission; the Oeko-Tex 100 standard.

Fabric and leather

We don't have standard fabrics. We dress all furniture with leather or fabric according to customer requirements. If you choose a fabric labeled with the EU Flower or any other environmental certification, you help us to influence the environment in a positive way. For care and flammability, please contact selected supplier.

The leather we use is from the Swedish company Elmo Leather. Elmo Leather is environmentally certified according to ISO 14001:2004 and is actively working to reduce its environmental impact and has since long time shifted to using only water-based dyes in their manufacturing.



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FINISH

Clear Coat

Clear coat is a coating for wood and protects against wear without color. To achieve the quality that customers are expected to benefit from a piece of furniture from Karl Andersson & Söner uses, a two component varnish. No compounds are included in the PRIO database or limitation database in this product.

On surfaces that have less wear, we use a water-based paint conforming to the Swedish environmental organization Svanen. The lacquer contains no formaldehyde and only small amounts of solvent. We work hard and close our paint supplier to completely switch to using water-based finishes on our products.

Lacquer

Our pigmented lacquer is a two component varnish which gives the best results that you should expect as a customer. No compounds are included in the PRIO database or mitigation database in this product.

Pigmented water-based lacquers are used when the products are subjected to less wear, for instance magazine racks.

We closely follow the development of pigmented lacquers to find water-based alternatives that provide lower environmental impact also for surfaces subjected to high wear and tear.

Stain

We use two different stains. Stain powder that is mixed with water and plated in advance, or an alcohol stain that is sprayed on the furniture. Staining colors do not cover the wood's natural grain. The pattern and wood grains remains almost unchanged and the natural pattern is highlighted. Stained surfaces can be treated with clear lacquer to give a durable and hardwearing surface. No compounds are included in the PRIO database or mitigation database in this product.

Oil

When the customer wishes finishing oil we use antique oil which is based on linseed oil. Furniture that oiled with antique oil can be labeled with the Swedish environmental organisation Svanen.

GLUES

For our furniture, we use different kinds of glue. At each step, we choose the glue that fits best based on environmental impact and strength.

White glue

White glue is used for the most part. It is a one component adhesive that is water-based and contains no formaldehyde or other dangerous substances.



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Veneer glue

The veneer glue is an urea glue that is water-based and contains a very small amount of formaldehyde and that comfortably meets the limit values within the E1 norm. No compounds are included in the PRIO database or mitigation database in this product.

Hot melt adhesive

Hot melt adhesive is dry gum granulate. The adhesive contains no solvents or formaldehyde and is used for gluing edge banding

Bonding of padding material

When bonding polyether we use a water-based adhesive that meets the requirements of the Swedish environmental organisation Svanen.

MÖBELFAKTA



Möbelfakta is an industry developed Swedish certification system that provides guidance in three areas: Quality, Environment and Social responsibility.

Möbelfakta's environmental requirements are based on criteria from the Swedish Environmental Control Council (Miljöstyrrådet). The technical requirements are based on established European and international standards (EN and ISO). The requirements of social responsibility are based on the principles of the United Nations Code of Conduct. Möbelfakta criteria are continuously reviewed in order to constantly maintain the highest possible and latest standards.

Möbelfakta will give the customer safety and insurance that the products are produced in a sustainable way. Products from Karl Andersson & Söner that are certified with Möbelfakta can be found on our website karl-andersson.se | [Download](#) | [PDF](#).

YOUR FURNITURE

Durability and Sustainability

Each piece of furniture manufactured by us has an end user who is waiting. You cannot try to cheat and compromising quality. All of our 30 employees have a professional pride, are well aware of the importance of accuracy and are skilled professionals. Everyone involved in the production know who has done what on the furniture. Traceability is therefore complete and the quality is guaranteed to be the highest possible.

Timelessness

Our range includes furniture designed in 1955 and still available in our catalog – A testament to timeless simplicity! The designers and collaborators with whom we work have a high level of awareness and attention to the ideals Karl Andersson & Söner stands for: Safety, Quality and Simplicity.

Recycling

Want to freshen up your furniture, please contact us so we can help you or offer tips on how to go about it. If it has no place in your home any longer, consider to sell it to someone else



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or give it to thrift or a help organisation. Last resort is to throw it away. Look for information in your local community to see how they want you to sort the different materials.