

*Creative
Woodcraft Ltd.*

QUALITY CUSTOM CABINETRY

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The Environment and Cabinetry

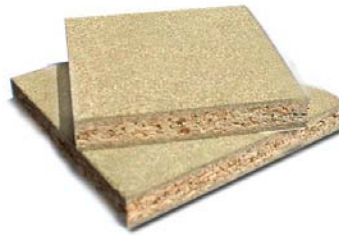


Creative Woodcraft Ltd. has a solid commitment to making cabinetry based on sustainable environmental practices. We believe that everyone has an equal responsibility to protect the environment. We will discuss the areas that Creative Woodcraft Ltd. focuses on to ensure our commitment both to our customers and to our planet. Some factors we will consider are formaldehyde-free concerns, composite core panels, solid wood, FSC certification, finishes and LEEDs certified projects.

Fomaldehyde

A common concern today is formaldehyde in products. The problem with this concept and cabinetry is that no product, even solid wood, is formaldehyde free. Creative Woodcraft's solution is to only use products that meet strict safety standards and air quality regulations while maintaining environmental sustainability. For extra information on formaldehyde, click [here](#) for the Government of Canada's Informative pamphlet. We will discuss formaldehyde standards and air regulations throughout the rest of this document in terms of how it relates to cabinetry.

Composite Board



“Composite wood products” are wood-based panels made from pieces, chips, particles, or fibres bonded together with a resin. Composite wood is found in hundreds of everyday applications, ranging from plywood, oriented strand board (OSB), and structural members used in new home construction as well as cabinets, doors, and furniture. At Creative Woodcraft Ltd. we use a composite board that is CARB Certified. CARB stands for the California Air Resources Board. CARB has strict regulations governing the emission of any toxins, including formaldehyde, found in consumer products. They work closely with manufacturers to achieve reductions and eventual elimination of formaldehyde. For more information here is a link to the [CARB](#) website and their [data information sheet](#).

More environmental features of our composite board include the following:

- ❖ Each sheet is made from 100% recycled fiber.
- ❖ All sheets are made in local mills (within 500 miles) which reduces the CO2 imprint by reducing the shipping needed.
- ❖ 99% of our composite board is sealed with a melamine, lacquered veneer, plastic laminate or edge tape. This reduces formaldehyde emissions from the core.
- ❖ We can use engineered veneers made with common wood fiber from well-managed and plantation-grown forests but which are made to look like the most expensive and rare woods.

There is a NAUF (No Added Urea Formaldehyde) board available but it has three drawbacks:

1. The board does not use urea formaldehyde as a resin during the production process, but there is still formaldehyde in the board itself.
2. The manufacturer only certifies that the board has no added urea formaldehyde, but new resin used as a binding agent can be more harmful, no restrictions are governed.
3. Because no urea formaldehyde is used as a binding agent, the press time during manufacturing is significantly higher, thus more energy is required to produce the sheets and a larger CO2 imprint results.

Solid Wood and Forestry Stewardship Council Certification



The main way to achieve environmental and energy efficient designs with respect to solid wood products is to purchase [Forestry Stewardship Council](#) (FSC) certified lumber. Such timber is certified that its harvesting does not include negative environmental practices such as:

- I. Illegally harvested wood.
- II. Wood harvested in violation of traditional and civil rights.
- III. Wood harvested in forests in which high conservation values are threatened by management activities.
- IV. Wood harvested in forests which are being converted to plantations or non-forest use.
- V. Wood from forests in which genetically modified trees are planted.

While these features ensure that sustainable forest practices are used, there are other serious factors that must be considered when using FSC certified timbers. These include:

- I. Availability of some wood types may be difficult or impossible to secure.
- II. Lumber may have to be purchased in quantities larger than requirements of the project. Suppliers will not break open and sell individual quantities of FSC certified lumber.
- III. The cost of FSC certified lumber will typically run higher.

Finishes

Finishing our cabinetry with a quality finish is a top priority at Creative Woodcraft Ltd. We have a solid reputation for providing our customers with excellent custom finishes. We are committed to using standard finishes that have excellent environmental features.

Our standard finishes include the following characteristics:

- ❖ They are made with the best of European and North American formulation technology to help you comply with environmental regulations.
- ❖ They are formulated with No HAPs (Hazardous Air Pollutants) solvents.
- ❖ They have ultra low formaldehyde formulation which meets world E-1 standards.
- ❖ They maintain exceptional durability and resistance to water, household chemicals and wear by usage.

LEED – Leadership in Energy and Environmental Design

LEED is the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™. The LEED system encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

Though the LEED system governs the entire construction project, there are a few ways in which its points may be scored with our cabinetry.

Our Composite board:

Is made from 100% recycle Material.

Has Ultra Low Emissions of Formaldehyde.

Has Low CO2 Foot Print (shipped under 500 miles)

Sourced Solid Wood:

FSC Certified

Finishing Products:

They are made with the best of European and North American formulation technology to help you comply with environmental regulations.

They are formulated with No HAPs (Hazardous Air Pollutants) solvents.

They have ultra low formaldehyde formulation which meets world E-1 standards.