WELLBORN CABINET, INC.®

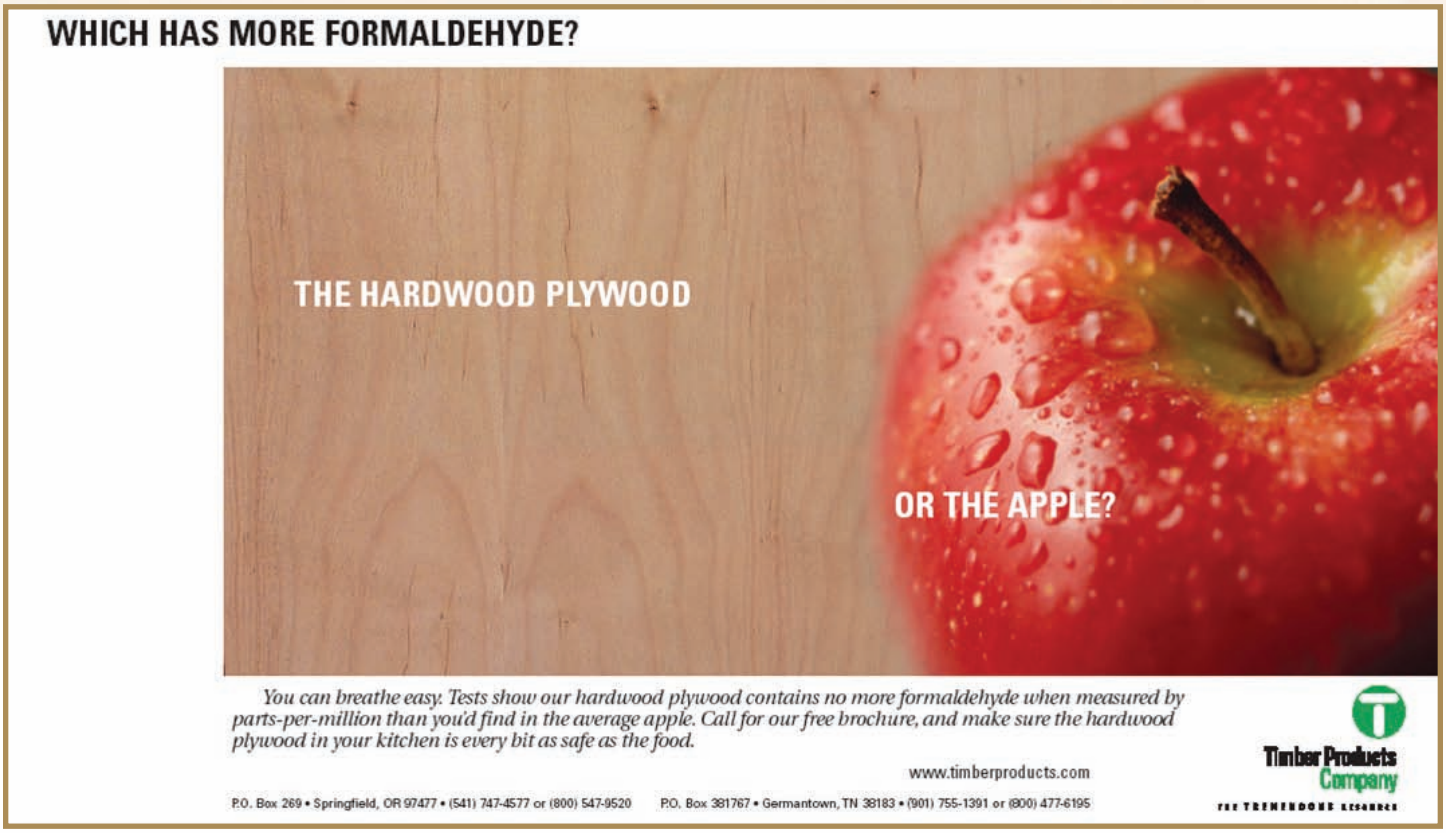
The Essence of Cabinetry

Environmental Commitment Program

Wood Facts

What you should know about Formaldehyde:

- Manufacturers have reduced formaldehyde emissions from pressed wood products by 80-90% from the levels of the early 1980's.[1]
- People, animals and plants produce low levels of formaldehyde during normal metabolic processes.[2]



Common Wood Myths

- **Myth:** Animals, plants and insects are becoming extinct because of forestry.
- **Fact:** "No species has become extinct in North America due to forestry." In some landscapes, forest management results in a wider range of age classes and ecosystem types than would normally occur in the absence of human activity.[5]

- **Myth:** Forestry is causing forests to disappear.
- **Fact:** Hardwood volume increases by 5.27 billion cubic feet annually—even after harvest and mortality.[3] Forests are just as renewable from logging as they are from any other form of disturbance. Many types of forest ecosystems function most successfully when they are periodically cleared and allowed to regrow anew,[5] much like your garden needs to be harvested before new produce can grow.

- **Myth:** We should protect our environment by using less wood. "Cut fewer trees, use less wood."
- **Fact:** This is an anti-environmental policy. Trees are among the most renewable natural resources on our planet. That is demonstrated by the net gain in U.S. hardwood volume even after forestry and mortality. Alternatively, utilizing synthetic materials such as metals, plastics and others which require significant resources in mining, energy, petroleum, and other chemicals, in processes which creates many sources of pollutants, is truly the anti-environmental policy.[5]

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[1]U.S. Consumer Product Safety Commission/1997 Revision
[2]Formaldehyde Council
[3]National Hardwood Lumber Association
[5]GreenPeace Founder Patrick Moore, www.greenspirit.com

Wood is Good

Trees are natural air filters.

- Trees are living plants that 'breathe' to help them grow. As they breathe, they remove unwanted carbon dioxide from the air—a greenhouse gas that contributes to global warming—and replace it with life sustaining oxygen.[6]
- To grow a pound of wood, a young tree breathes in 1.47 pounds (0.665 kg) of carbon dioxide, and breathes out 1.07 pounds (0.485 kg) of oxygen. The carbon is stored within the cells of the tree.[6]
- When a forest becomes old or overcrowded, trees stop growing and begin to decay. This releases the carbon. But when mature trees are harvested for wood products, the carbon stays locked inside the wood. Replanting with young trees begins the air cleansing process again.[6]
- An average person needs 365 pounds (165.3 kg) of oxygen to breathe each year. We don't know exactly how many growing trees are needed to counter the effects of car emissions and other sources of pollution in our air.[6]
- What we do know is that responsible harvesting of our forests locks in the carbon and ensures a continual supply of growing, oxygen producing trees—and that helps the Earth provide clean air.[6]

The Grass is Greener

- 490 million acres are called timberlands, forests that can produce more than 20 cubic feet of wood per acre annually. They're growing more trees today than they were 50 years ago.[3]
- There is enough forestland in the U.S. to cover every square inch in every state east of the Great Plains.[3]
- Hardwood volume increases by 5.27 billion cubic feet annually—even after harvests and mortality.[3]
- If hardwood trees stopped growing today, and harvesting continued at the same rate, our hardwood timber supply would last over 75 years.[3]
- Annually, over 1.5 billion trees are planted in the US—more than 5 trees for every man, woman and child in America. That averages 4.1 million seedlings each day.[3]
- Nearly twice as much hardwood grows each year as is harvested in the US. As a result, the volume of hardwoods alone in American forests today is 90% larger than it was 50 years ago.[4]

[3]National Hardwood Lumber Association
[4]Hardwood Information Center
[6]Canadian Wood Council, www.canadianwoodcouncil.ca

Wood vs. Other Building Materials

- Trees are among the most renewable natural resources on our planet. That is demonstrated by the net gain in U.S. hardwood volume even after forestry and mortality. Alternatively, utilizing synthetic materials such as metals, plastics and others which requires significant resources in mining, in energy, petroleum, and other chemicals, in processes which creates many sources of pollutants is truly the anti-environment policy non-renewable building materials such as steel, cement and plastic must be produced in real factories such as steel mills, cement works and oil refineries. This usually requires large inputs of fossil fuels inevitably resulting in high carbon dioxide emissions. So, for 70 percent of the wood used each year for energy and building, switching to substitutes nearly always results in increased carbon dioxide emissions, contrary to climate change policy. Therefore, the policy of "use less wood" is anti-environmental because it would result in increased carbon dioxide emissions.[5]
- How do we replace the thousands of tons of ore that went into steel beams or aluminum siding, or the millions of liters of petroleum that went into making plastic components? The answer is—we can't. Those resources are finite. Once we consume them, other than the energy intensive collection, separation and recycling processes, they are gone forever.[6]
- A study by the Canadian Research Alliance examined the relative environmental impacts of various building materials. The results clearly demonstrate not only that wood is a renewable resource, but also that the manufacture of wood products is cleaner, less wasteful, and consumes less energy than the alternatives.[6]
- Life-cycle analysis shows that a steel wall requires 3 to 6 times more energy to extract, manufacture and construct than a wood wall. The steel wall also uses 25 times more water in its manufacture, and releases 3 to 6 times more carbon dioxide emissions.[6]
- The manufacture of concrete produces 2 to 3 times more carbon dioxide than wood, and results in 5 times more solid waste.[6]
- The production of aluminum generates 8 times more polluting emissions in the air and 300 times more in the water, than the manufacture of wood. The manufacture of aluminum siding requires 5 times more energy than wood.[6]

Of common building materials, wood uses the least energy to manufacture. Wood is energy conservative compared to the alternatives. By choosing wood, you can help stretch limited energy resources.[6]

[5] GreenPeace Founder Patrick Moore, www.greenspirit.com
[6] Canadian Wood Council, www.canadianwoodcouncil.ca

Wellborn the Company

As Wellborn continuously strives to advance our manufacturing and technology processes to meet the needs of our customers in an environmentally friendly manner, we have formed the following commitments to guide us:

- Continuous reduction of waste and emissions.
- Conserve energy and natural resources through the recycling of waste products and eliminating the need for disposal to land fills.
- Improve packaging products to eliminate waste.
- Develop local land holdings to support a variety of wildlife.
- Participate in industry and state initiatives to support environmental stewardship programs.
- Invest in the best available technology to ensure VOC (Volatile Organic Compounds) and HAP (Hazardous Air Pollutants) emissions are maintained below state environmental limits.
- Develop vendor programs that allow us to work with suppliers that strive towards the same goals we have set.

What is Wellborn Doing for the Environment?

Our Operation

- In 2006, Wellborn recycled:
  - 350,942 pounds of cardboard
  - 30,327 pounds of paper (vinyl)
  - 33,060 gallons of solvents
- In 1993, Wellborn installed a Three Boiler Co-Generation plant that consumes 95% of manufactured wood waste as fuel to generate 20% of the plant electricity requirements along with all plant process steam requirements.
  - In 2006, Wellborn used approximately 52,000 tons of its own wood dust to generate 4.2 million kilowatt hours of clean electricity for the facility; thus eliminating the need to landfill dust.
  - In 2006, Wellborn saved 310,810 MCF (thousand cubic feet) of natural gas, a non-renewable resource, by producing its own steam. Producing steam eliminates the need to consume natural gas for heating ovens in our paint operations or to heat our dry kilns.
- Since 1995, Wellborn has reduced boiler air emissions 50% lower than required by state and EPA regulations through the installation of "Best Available Control Technology."
- Developed and manage a 35 acre fresh water lake and deep water habitat for wildlife and recreation.

[7] Kitchen Cabinet Manufacturers Association, ww.kcma.org/consumer_sub.htm?id=109

Our Processes

Vendor Certification Processes

- WellCheck Vendor Program – Wellborn's vendor certification program allows to measure the performance of current suppliers and evaluate potential suppliers, including their commitment to becoming green-friendly and healthy forest stewardship practices.

- Wellborn has been assured by all manufactures of our component parts that all parts used by Wellborn comply with all formaldehyde standards as set by OSHA.

- In addition, we have had our finished cabinets tested independently which confirmed that our finished products are in compliance with the formaldehyde emission statements.

- All of our purchased MDF and particleboard panels are certified by the CPA, Composite Panel Association, which coordinates third-party certification programs through its internationally recognized Grademark Certification Program, the most rigorous of its kind in North America.

- Wellborn is committed to continuously improving our packaging processes to eliminate waste. Our packaging materials are constructed of 75% recycled fibers.

KCMA ESP Certification

Wellborn is proud to be certified by KCMA's Environmental Stewardship Program. After 36 years of developing industry performance standards, the Kitchen Cabinet Manufacturers Association has included environmental sustainability to its program. Those companies actively participating in environmental stewardship has an opportunity to become certified through KCMA's Environmental Stewardship Program. Designed to encourage industry policies and practices that benefit both the environment and the well being of society, the Environmental Stewardship Program provides companies with tangible ways to support sustainability in these areas:

- Air Quality
- Product Resource Management
- Process Resource Management
- Environmental Stewardship
- Community Relations

In the certification, companies will respond with supporting documentation answers pertaining to their environmental sustainability program. Upon completion of the certifications, companies who qualify will be awarded the ESP seal to display on their products. The ESP seal lets consumers, builders, architects, and others know they are supporting sustainability why they buy or specify ESP certified products.
Below are samples of qualifying criteria and Wellborn's responses:

Air Quality: 75% of finished products are finished domestically and finishes used emit no greater HAPS than allowed by local plant operating permits.
Wellborn's Response: "…100% of finished products are finished domestically and finishes used emit no greater HAPS than allowed by state operating permit…"

Product Resource Management: Training plan to educate hardwood suppliers annually about certified lumber.
Wellborn's Response: During an annual appreciation gathering of all its lumber suppliers, Wellborn educates the suppliers of the benefits and purchasing preference of certified lumber.

Process Resource Management: Manufacturer uses internal or external process by-products to generate alternate energy services, e.g. electricity, steam, or other.
Wellborn's Response: "Wellborn Cabinet, Inc. used process by- products to generate 3.6 million kwhrs. of clean electricity for the facility…and generated 275,643 MCF of steam in 2006…which saves natural resources and also eliminates the need to landfill wood dust and shavings".

Environmental Stewardship: Review environmental practices and policies of key vendors and contractors.
Wellborn's Response: Wellborn provided a list of its key vendors and dates when reviews were conducted.

Community Relations: Demonstrate community involvement and leadership through service or charitable organizations.
Wellborn's Response: Wellborn has made charitable donations to more than 50 national and local organizations such as the American Cancer Society and The Boys and Girls Ranch.

QUALITY. ADVOCACY. LEADERSHIP.
KCMA
KITCHEN CABINET MANUFACTURERS ASSOCIATION

ENVIRONMENTAL STEWARDSHIP PROGRAM
KCMA

WELLBORN'S ENVIRONMENTAL BELIEF STATEMENT

Wellborn Cabinet, Inc., is committed to providing responsible forest management practices in all aspects of the manufacturing processes; to educate and empower personnel to implement environmentally beneficial buying practices; and to provide a quality product which complies with our responsibility and beliefs.

We recognize the challenges of protecting and conserving natural resources in our history today. Our objective is to ensure our customers that our product is manufactured from materials originating from a well-managed and sustainable forest.

ENVIRONMENTAL STEWARDSHIP PROGRAM
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The Essence of Cabinetry

QUALITY. ADVOCACY. LEADERSHIP.
KCMA
KITCHEN CABINET MANUFACTURERS ASSOCIATION

NATIONAL KITCHEN
NKBA
& BATH ASSOCIATION

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