



For over 50 years, Wilsonart has been a responsible member of the global community. And in recent years, as our manufacturing and distribution networks have grown into a worldwide network, our impact on the environment has become an increasingly important part of our culture. The fact is, environmental stewardship is a policy to us, not a one-time project. It's simply good business.

Sustainability?

Current

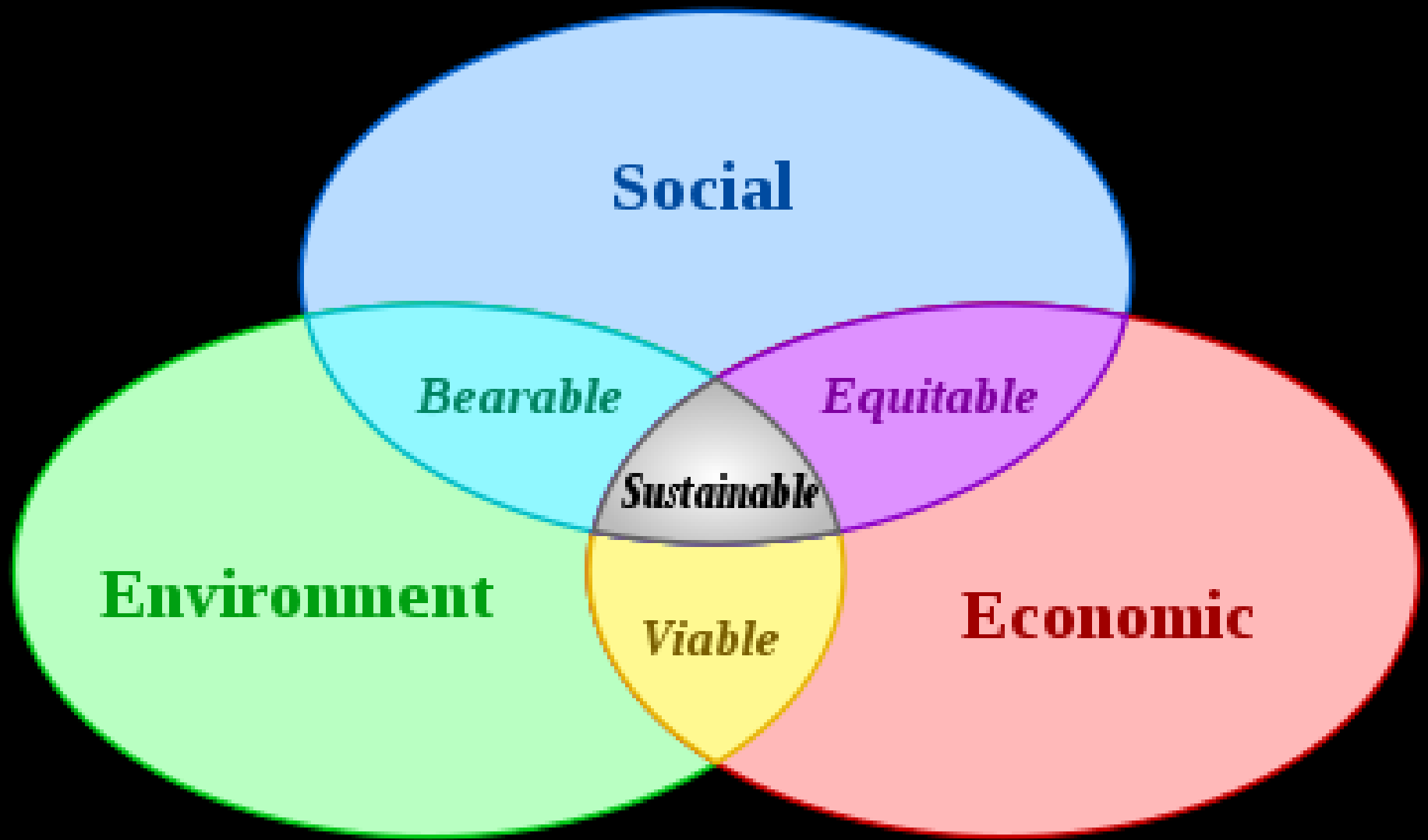
Green
Natural
Biobased
Non-toxic
Recycle Reduce Reuse
Local
Recover
Environmentally friendly
Waste reduction
renewable, recoverable, energy efficient
Air quality
Supply Chain, efficient logistics
Commitment to Safety, Diversity

Future

Biomimicry
CARB
LCA- Life Cycle Analysis
Intelligent systems
VOC
Embodied Energy
Carbon Footprint
Socially-responsible
Triple bottom-line
Stewardship philosophy
Footprint reduction
Philanthropy
Volunteerism

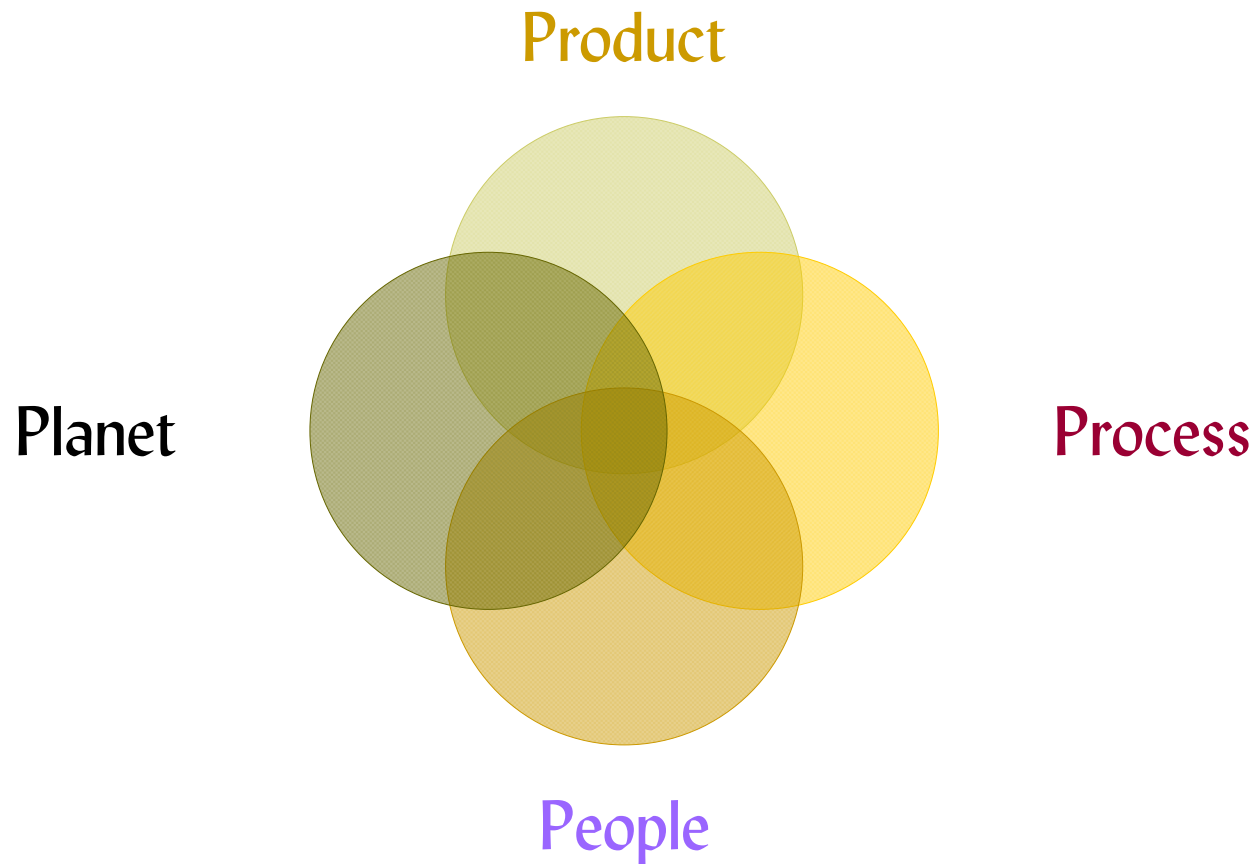
Our Commitment

Wilsonart is a global leader in decorative surfaces and delivers a broad range of high-quality products and services. Sustainable processes and products have always been identified as an opportunity platform for innovation and development. Wilsonart continues to follow many of the original values upon which the Wilson family founded the Company in the mid-1950. Wilsonart truly cares about its **people** and provides excellent benefits. It also insures the success of its customers through exceptional service, dependability and has a firm commitment to deliver innovative **products** for a sustainable future. Wilsonart has maintained a strong track record for safety and health of its **people** by providing training and development opportunities for all employees. In Wilsonart *we believe our **people** make the difference*. Our vision for the future is to build a sustainability platform that aids to escalate a positive impact on its **people, profit and our planet**.



Fundamentals based on Principles of Triple Bottom Line

Solutions for a Sustainable Future



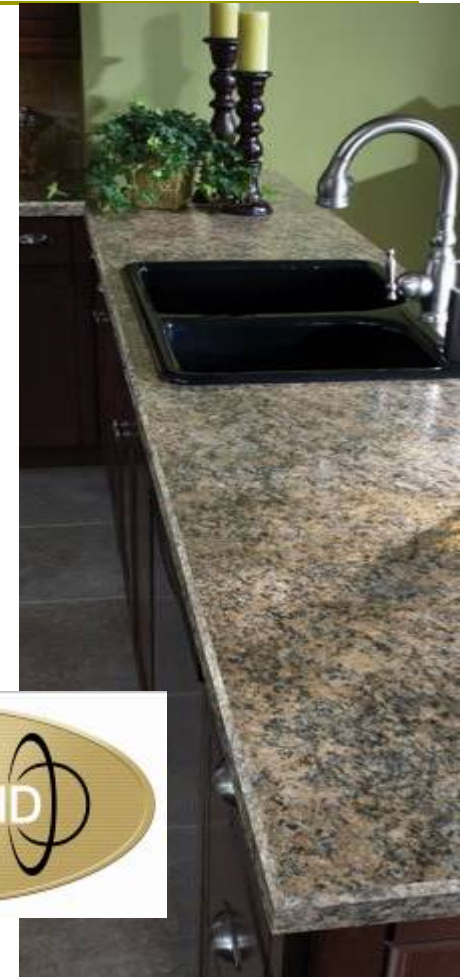
Commitment to our People

- Dedicated to their jobs and to our customers



Commitment to our Customers

- Market-savvy design
- High quality/value products
- Superior service
- Strong relationships
- Great people



AEON™
ENHANCED PERFORMANCE

Commitment to our Community

- Active participation in programs and projects important to the communities we live in
 - United Way of Central Texas
 - Ralph Wilson Youth Club
 - Belton Christian Youth Center
 - Cultural Activities Center
 - Scott & White Hospital
 - Ronald McDonald House
 - Keep Temple Beautiful
 - Special Olympics
 - Habitat for Humanities
 - Youth athletics
 - ITW Scholarship and ITW Foundation



How do we prioritize?

□ Customer requests

■ Frequent requests

1. FSC & LEED
2. Recycle content
3. Air Quality: Formaldehyde, CARB, Greenguard

■ Others

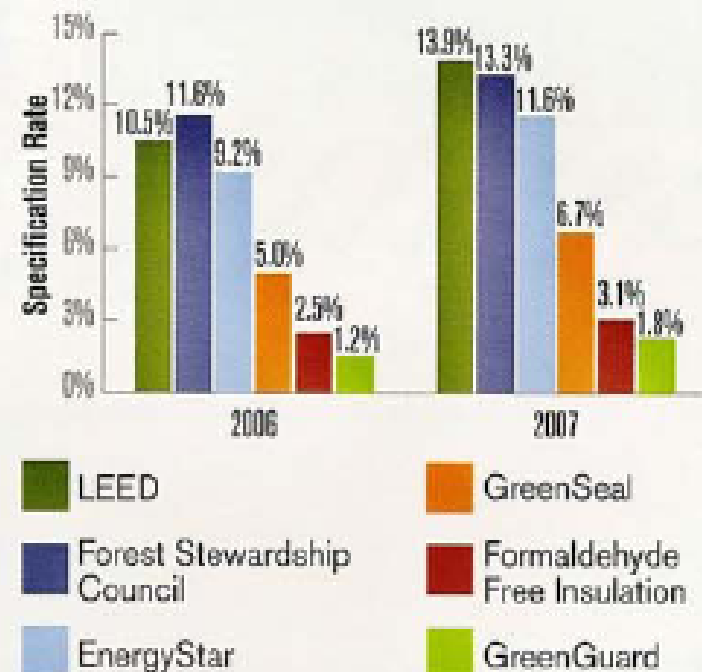
1. Embodied energy
2. LCA
3. Carbon footprint
4. Waste Management and disposal

□ Market data

■ Green in Specifications LEED

- Forest Stewardship Council
- Energy Star
- GreenSeal
- Formaldehyde Free Insulation
- Greenguard

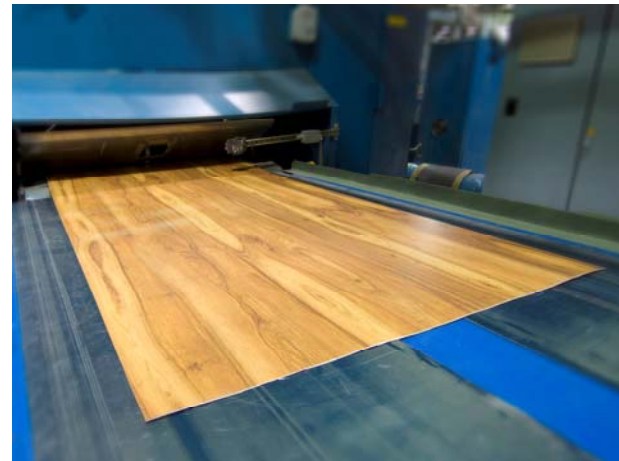
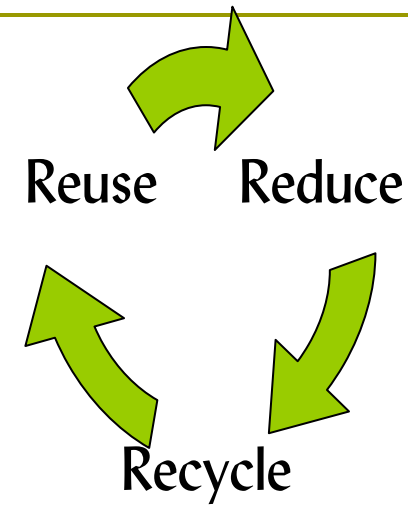
Specification Rate of Green Building Produce Designations 2006 to 2007



Source: Products and Players' Trends, McGraw-Hill Construction, 2008

Processes for a Sustainable Future

- ❑ Waste Management
- ❑ Energy Efficiency
- ❑ Sanders shut down from 2-4 pm during TXU Energy's peak hours. (Sanders are high energy use machines.) This allows for us to reduce the strain on TXU.



Waste Management

Recycle



All untreated scrap kraft paper and spools from decorative and kraft paper is diverted to recycled paper mills.



Laminate scrap is ground, bagged and sold to the oil industry as a drilling fluid additive, which prevents the loss of this potentially contaminating fluid into the earth.



Waste Management

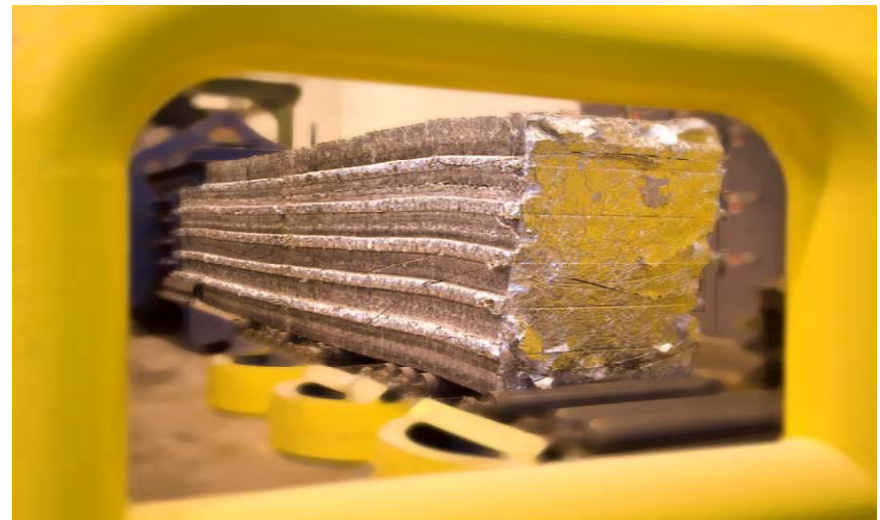
Recycle



Scrap metal from aging equipment and maintenance functions is recycled into angle iron and rebar.



Aluminum foil still used in some
Laminate texturing is recycled
into other aluminum sheet
products.

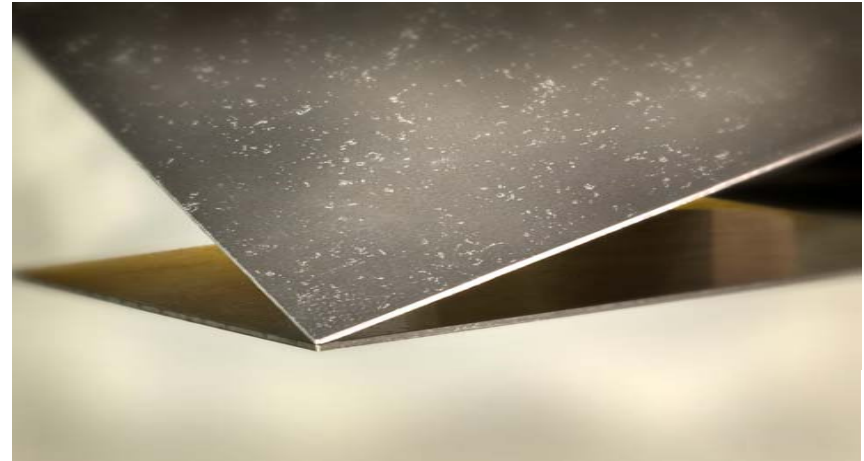


Waste Management

Reuse



Use of reusable stainless steel plates in lieu of aluminum foil for laminate surface texturing has nearly eliminated the need for aluminum foil.



Folded paper, **ready to go the recycling center, ** – padding goes between carrier and 1st press plates during laminate manufacture. This is reused several times and then recycled to ultimately be made into more paper or packaging boxes..



Waste Management

Reuse

- ❑ Metal shipping cart/pallet – replaces certain wooden shipping pallets and can be reused thousands of times.



- ❑ Temple South – cleanse and refurbish hydraulic oil (Kaydon machine). Hydraulic oil is used for presses and most of our equipment throughout the plant use hydraulic oil.



Waste Management

Recycle

- ❑ Used oil filters for the truck fleet are crushed before shipment to a recycling center.
- ❑ Recycle oil and Freon.
 - **Motor oil from the truck fleet is sent for recycling. Freon from the air conditioning systems is captured and reused when maintenance is required on those units.



Energy Efficiency

Reuse



- About 1/2 of the plant runs on batter power instead of propane. (Battery charging system.) The electric advantage includes no fumes, no noise and no carbon footprint. ** Propane is still used where heavy lifting is required because batteries would run down too quickly if used for the heavy stuff.
- The Cyclomeiser stores the hot water and allows for its reuse after additional heat is added during the next press load. This unit also stores the cooling water and recools it before the next cycle begins. This increases the efficiency of energy use and closed-loop systems reuse water over and over.



Energy Efficiency

Reduce

Industrial sized exhaust hoods capture fumes to minimize worker exposure volatile organic component and reduce emission in to the environment.



Heat from the incineration of dust generated by sanding the back side of laminate, and incineration of fumes given off by the curing resins in our ovens, is used to produce steam for our laminate presses, reducing natural gas use by 30-40% annually.



Energy Efficiency

Reduce

- ❑ Incinerator/ Boiler (sander) – Sander dust is self supporting (nothing added) for combustion. Sander dust is transferred to the boiler and converted into energy. Up to 25,000 lbs. per day
- ❑ Stretching – is done every shift; ergonomics so that people are less likely to be injured



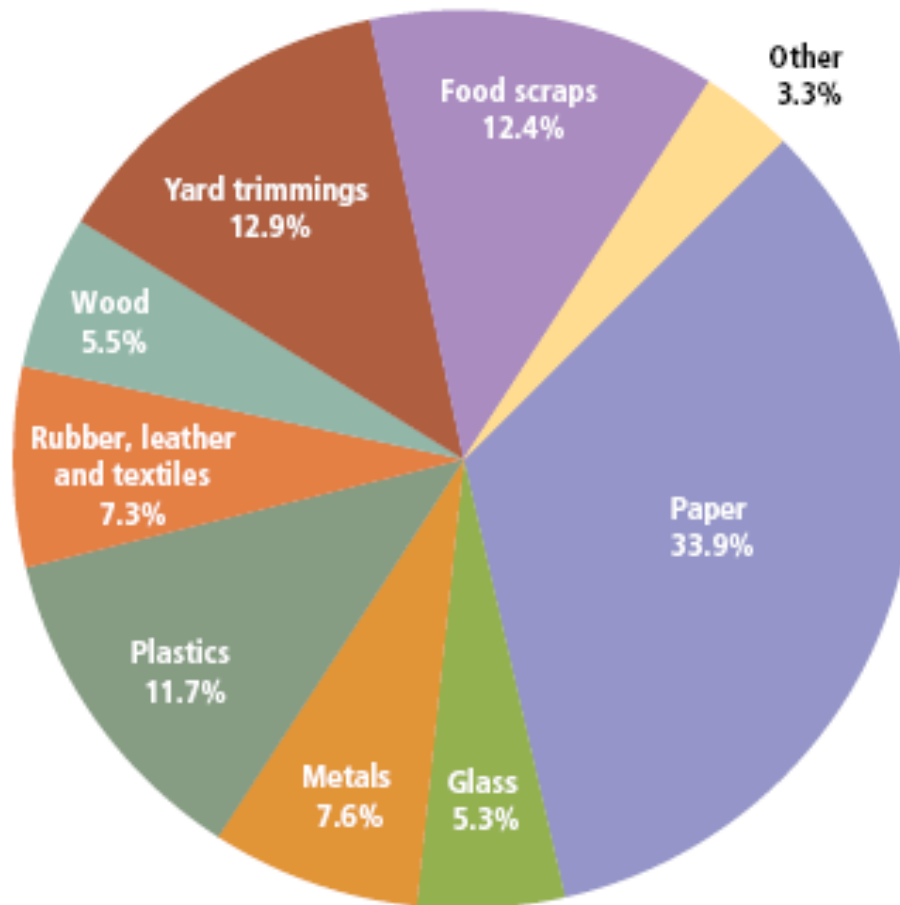
Products for a Sustainable Future

Recycle Content

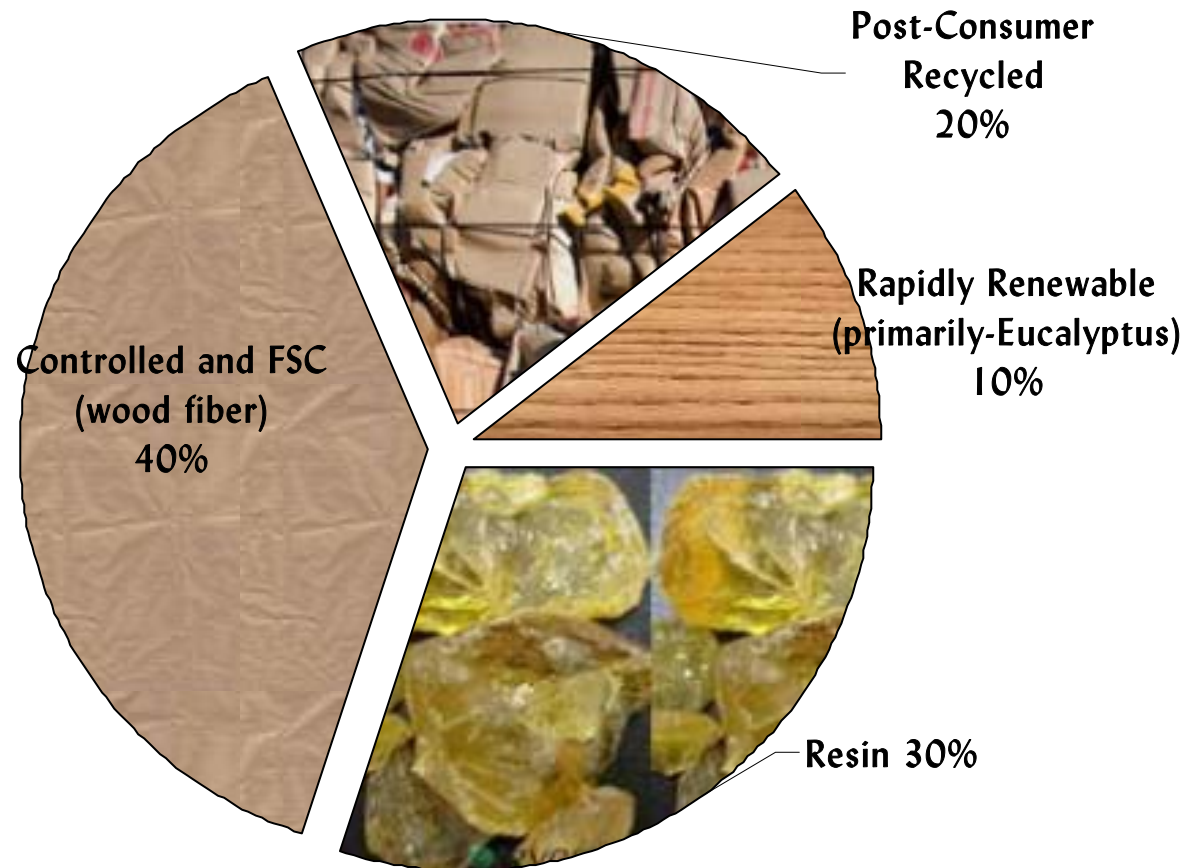
For over 8 years, Wilsonart's research and development has been instrumental in driving increased quality standards into the recycle paper industry. Recycled paper has been incorporated into products without compromising product quality or performance



EPA Municipal Waste Data 2006



Total MSW Generation (by Material), 2006 251 Million Tons (Before Recycling)

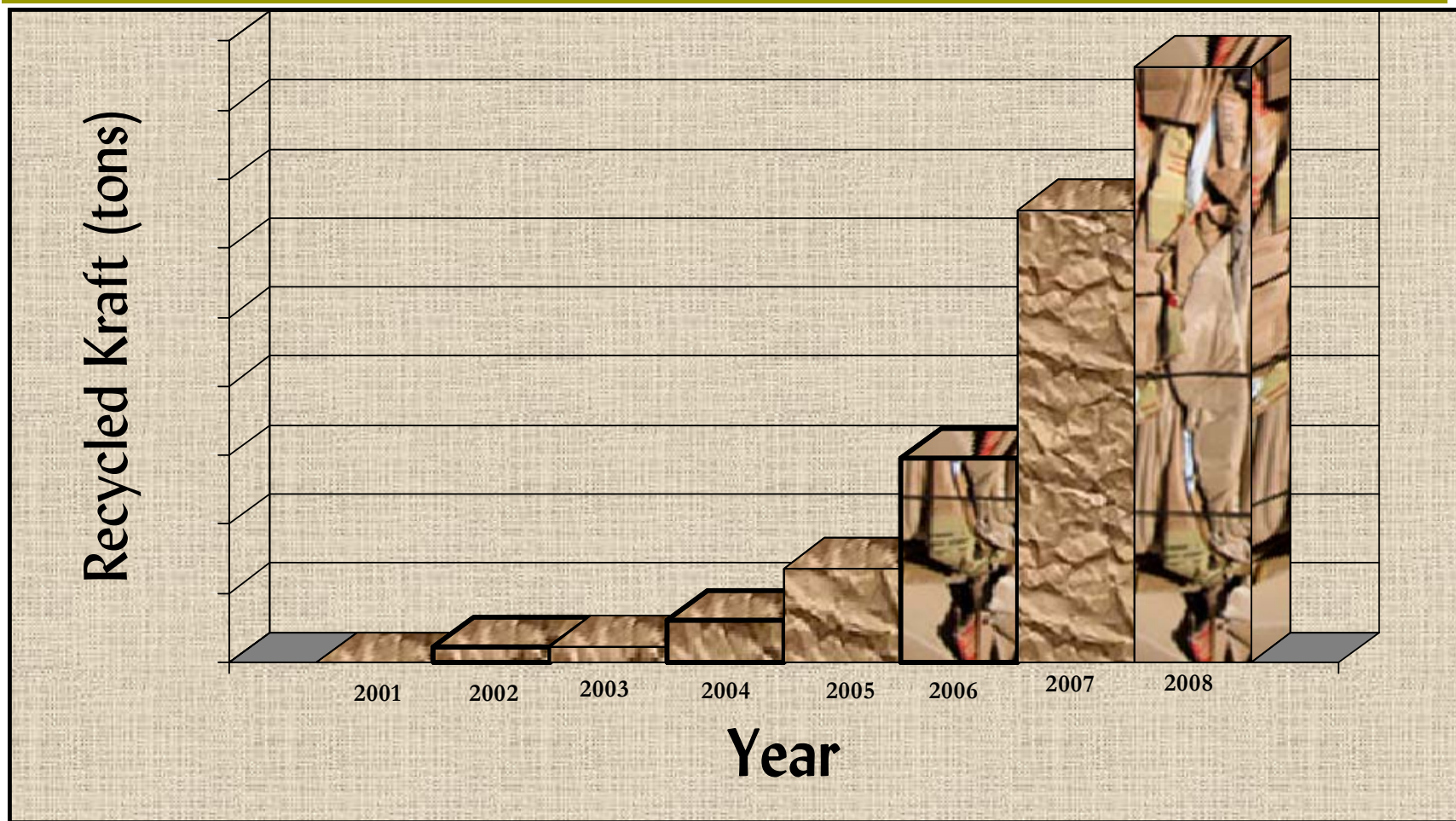


Total Wood Fiber = 70% by weight
Total Resin Content = 30% by weight
FSC & Controlled Wood = 60% by weight

Typical High Pressure Decorative Laminate Ingredients



Post Consumer Recycled Kraft



A photograph of a dense forest with sunlight filtering through the trees, creating a dappled light effect on the forest floor. The text is overlaid on the upper left portion of the image.

For over 8 years, Wilsonart's research and development has been instrumental in driving increased quality standards into the recycle paper industry. Recycled paper has been incorporated into products without compromising product quality or performance.

This has helped us save >900
trees a day in the year 2008

Our Commitment to Sustainability and environmentalism has long been a part of the ingrained culture and success for over fifty years. In recent years as a responsible member of the global community, our manufacturing and distribution networks have grown into a worldwide network and our impact on the environment has become an integral part of our culture. The fact is, environmental stewardship is a policy to us, not a one-time project. It's simply good business.

- Wilsonart decorative laminate contains up to 30% post consumer recycled content -the highest percentage of post consumer content in the industry.
- Wilsonart backer laminate contains up to 70% recycled content.
- Wilsonart is FSC certified and can provide FSC solutions to its customers – first laminate company to obtain FSC certification in the industry.
- Low Emitting materials: Wilsonart laminate exceeds industries highest standards for Indoor Air Quality

USGBC LEED Potential Credits = 8

- ☒ IEQ 4.4 Low Emitting Materials
- ☒ IEQ 4.5 Indoor air Quality
- ☒ ☒ MR 4 Recycled Content
- ☒ ☒ MR 5 Regional Materials (Manufactured at: Temple, TX and Ashville, NC)
- ☒ MR 6 Rapidly Renewable Resources
- ☒ MR 7 Responsible Forest Management

-
- ☒ No Added Urea-Formaldehyde.
 - ☒ Recycled Content (post consumer content)

Industry Certifications: document available

- ☒ SCS
- ☒ FSC
- ☒ NSF
- ☒ UL
- ☒ Greenguard Schools and Children



SCS does hereby certify that an independent assessment has been conducted on behalf of:

2400 Wilson Place, Temple, TX 76503, USA

Fletcher Laminate Plant - 80 L.A. White Drive, Fletcher, NC 28732

Temple North Laminate Plant - 10501 NW H.K. Dodgen Loop, Temple, TX 76504

Manufacturer of High Pressure Laminate.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC Mixed

The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council A.C. (FSC).

FSC Standard: FSC-STD-40-004 V2-0, FSC-STD-40-005 V1

Certificate Code: SCS-COC-002415

CW Code: SCS-CW-002415

Valid from 22 Jun, 2009 to 21 Jun, 2014

A list of products that are included in the scope of this certificate may be found at www.tac-sis.org or will be provided by SCS on request. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request.



Certified by

SCIENTIFIC CERTIFICATION SYSTEMS
Certification for a sustainable world™

Robert J. Huber

Robert J. Hrubes, Senior Vice President
SCS Forest Management Program
2200 Powell Street, Suite 725, Emeryville, CA 94608 USA

Printed 29 Jan. 2009



SCIENTIFIC CERTIFICATION SYSTEMS

SCS does hereby certify that an independent assessment has been conducted on behalf of:

Wilsonart International, Inc.

Temple, Texas, USA

For the following product(s):

Wilsonart® Laminate,
High Pressure Decorative Laminate, Types:
107, 335, 350, 366, and 376

This product meets all of the necessary qualifications to be certified for the following claim:
Minimum 20% Post-consumer Recycled Wood Fiber Content

Registration # SCS-MC-002028

Valid from: 8/5/2009 to 8/31/2010



SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MC-002028

Certified by



SCIENTIFIC CERTIFICATION SYSTEMS
"Certification for a sustainable world"



Robert J. Hrubes, Senior Vice President
SCS Environmental Claims Programs
2200 Powell Street, Suite 725, Emeryville, CA 94608 USA

Indoor Air Quality

- ❑ Wilsonart laminate, solidsurface, flooring and metals are GREENGUARD® Indoor Air Quality Certified® as low emitting products. Certification No. FC2Ls93111. For more information see www.greenguard.org.
- ❑ Wilsonart laminate and metals also meet the tighter requirements of the GREENGUARD® Certification for Children & Schools. Certification No. FC2Ls93111.
- ❑ *Wilsonart Adhesives' polyvinyl acetate (PVA)-based laminating and woodworking adhesives, as well as Wilsonart® Adhesives' H2O water-based contact adhesive are GREENGUARD Indoor Air Quality Certified®. Wilsonart Adhesives is the first adhesive manufacturer to have their PVA-based laminating and woodworking adhesives certified according to these stringent standards.*
- ❑ Wilsonart is an active member of the Clean Texas Partner program.



LCA of Laminate

- Summary of “Energy Study of High Pressure Decorative Laminate (HPDL) According to EN 438.1 and Its Elements

The International Committee of Decorative Laminates Industry, ICDLI, funded a life cycle analysis (LCA) of decorative laminate and decorative laminate elements (laminate, core board, and backer). The LCA study (or a “cradle to grave” environmental profile) was done according to recognized industry standards EN 438.1, ISO 14040, and ISO 14041 that are based on the Leiden University LCA method which is a recognized standard for doing LCA analysis. The final LCA report was issued on April 29th, 1998 and is based on data collected from laminate products commercially available. The term “cradle to gate” is referring to the production and installation of the finished laminate. The energy consumption required to produce and install 1 m² of laminate is 83 MJ, while the energy consumption required to produce 1 m² steel is 350 MJ and 1 m² of aluminum is 670 MJ. The total number of BTU's per pound for HPDL @ .040” is 28,000.

Some conclusions

- HPL elements have no impact on the ozone layer over their whole life.
- 95% of energy is recovered by incineration of a worktop or countertop after long term/life indoor use. (Cradle to Grave)

Products and Processes for a Sustainable Future

- Life Cycle Assessment (laminite vs. wood species, granite and other surfaces)
- Renewable Energy/Energy Conservation
- Reduce, Reuse and Recycle.
- Green House Gas measurement Protocol (ISO 14000 certification)
- Cradle to Cradle – economically viable closed loop recycling program for countertops.
- Green Chemistry
- Biomimicry based design innovation