



GREEN MATERIAL ALTERNATIVES FOR HOMEOWNERS

Insulation

Having a well-insulated building envelope is crucial to creating an environmentally sound building. By minimizing heat transfer through the envelope, energy used to maintain the interior climate is similarly minimized, reducing both utility bills and the environmental costs of fossil fuel use.

Fiberglass batts are the most common means of insulating walls and ceilings. Cellulose insulation is made from recycled paper that is applied as either loose fill into attics and closed wall cavities or damp-sprayed into open wall cavities. Due to its recycled content and superior energy and acoustic performance, cellulose is a very environmentally-preferable product.

Cellulose Insulation

GreenFiber

800/228-0024 (Retailer info)

888/592-7648 (Installer info)

www.greenstone.com

Soy-based foam insulation

BioBased Systems is a low-density, open-cell polyurethane spray-foam insulation derived in part from soybean oil.

Grant Swede

Bio-Based Systems

10A Wolfer Industrial Pk.

Spring Valley, IL 61362

Phone: 800-803-5189, Fax: 479-246-9524

www.biobased.net

Cotton Denim Insulation

Bonded Logic, Inc.

411 East Ray Road

Chandler, AZ 85225

480-812-9114

sales@bondedlogic.com

<http://www.bondedlogic.com>



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Paint

Conventional paints contain a multitude of harmful chemicals and compounds which offgas into the atmosphere, affecting the health of people and the planet. These paints release Volatile Organic Compounds (VOCs), which are actually a class of carbon-based chemicals that have the capacity to rapidly evaporate. VOCs are responsible for the smells we associate with new paint and cause some people to get headaches. "Greener" paint refers not to the color, but to paint that contains fewer of these dangerous chemicals (such as formaldehyde, benzene, toluene, biocides, lead, and cadmium) while still providing very high performance paint qualities. Fortunately, you can easily avoid generating pollution and unsafe living spaces and still have beautiful, walls of any color by using low-VOC, zero-VOC, recycled, or natural paints.

Low/Zero VOC Paints:

Keim Mineral Systems
Mame Cohalan
Cohalan Company, Inc.
3 Port Lewes
Lewes, DE 19958
Phone:302-644-1007, Fax: 302-644-0866
www.keimmineralsystems.com

Kelly Moore Paint Co.
(EnviroCote)
800/874-4436 x198
www.kellymoore.com

Benjamin Moore
(Pristine Eco-Spec)
800/344-0400
www.benjaminmoore.com

Pittsburgh Paints
(Pure Performance)
888/774-7732
www.pittsburghpaints.com

ICI DuLux Paints
(Lifemaster 2000)
800/984-5444
www.icipaintstores.com

Sherwin-Williams
(HealthSpec)
800/321-8194
www.sherwinwilliams.com

American Formulating and Manufacture
(AFM)
(Safecoat Enamels)
800/239-0321
www.afmsafecoat.com

The Glidden Company
(ProMaster)
800/834-6077
www.iciduluxpaints.com

ChemSafe Products
(EnviroSafe)
210/657-5321
www.ecowise.com

Recycled Content Paints:

Kelly Moore Paint Co.
(EnviroCote)
800/874-4436 x198
www.kellymoore.com

Amazon Environmental, Inc.
(Amazon Select Recycled Paint)
800/566-2396
www.amazonpaint.com

Natural Paints:

EcoDesign
(BioShield)
800/621-2591
www.bioshieldpaint.com

Antique Drapery Rod Co. Inc.
(Healthy Milk Paint)
Dallas, TX
214/653-1733
www.antiquedraperyrod.com

D. O. Siever Products
(Real Milk Paint)
Quakertown, PA
800/339-9748

Natural Home
(Auro)
Sebastopol, CA
707/824-0914
www.naturalhomeproducts.com

Sinan Co.
(Auro)
Davis, CA
530/753-3104
www.dcn.davis/ca/us/go/sinan

Old Fashioned Milk Paint Co.
Groton, MA
978/448-6336
www.milkpaint.com



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Wall Board Materials

Fiberock Gypsum Fiber Panels

Fiberock(TM) Abuse-Resistant Gypsum Fiber Panels incorporate perlite and recycled newsprint paper into the synthetic gypsum core. Unlike standard drywall, there are no paper facings. The resulting fiber-reinforced panels are stronger, stiffer, and denser than regular drywall, provide better screw/nail retention and increased thermal mass. This product has a total recycled content exceeding 95% by weight.

USG Corporation
125 S. Franklin St.
Chicago, IL 60606
Phone: 312-606-4000
Toll-free: 800-874-4968
Fax: 312-606-4476
www.usg.com

Prestowall

The Prestowall system is designed to replace standard stud and drywall construction for interior walls. These 2-1/4"-thick straw panels, measuring 4' wide and are bound together with only high heat and pressure using straw that originated from within a 20-mile radius of the manufacturing plant. The panels are tapered at the vertical edges to 2" with slots to receive biscuit connector disks for fastening panels together with screws. Joints can be taped and finished just like drywall. Two preformed 3/4" channels per panel are available for wiring. Prestowall comes with a recycled paperboard finish and is resistant to mold, termites, and fire--with a Class A fire rating possible for commercial use and a Class B rating for residential use. Straw panels bound in this way are exceptionally strong and do not offgas pollutants.

Affordable Building Systems LLC
2750 State Hwy. 160
Whitewright, TX 75491
Phone: 903-364-1198
Toll-free: 866-364-1198
Fax: 903-364-1108
www.affordablebuildingsystems.com

EnviroGT wall and corner guards provide an alternative to conventional vinyl wall and corner guards.

Matt Bennett
InPro Corporation
P.O. Box 406
Muskego, WI 53150
Phone: 262-679-9010, Toll-free: 800-222-5556
Fax: 888-715-8407
www.inprocorp.com



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Reclaimed Lumber and Timbers

Black's Farmwood
P.O. Box 2836
San Rafael, CA 94912
Phone: 415-499-8300
Toll-free: 877-321-WOOD
Fax: 415-499-8309
www.blacksfarmwood.com

Caldwell Building Wreckers
195 Bayshore Blvd.
San Francisco, CA 94124
Phone: 415-550-6777
Fax: 415-550-0349
www.caldwell-bldg-salvage.com

TerraMai
1104 Firenze
P.O. Box 696
McCloud, CA 96057
Phone: 530-964-2740
Toll-free: 800-220-9062
Fax: 530-964-2745
www.terramai.com

FSC Certified Wood

The Forest Stewardship Council (FSC) has established standards in sustainable forest management and created a mechanism—third party certification—that ensures that they are followed. In addition to addressing its environmental impact, the FSC considers the impact of logging on local communities and indigenous peoples and supports their interests. There are other wood certification programs, notably the industry-created Sustainable Forestry Initiative; however, only the FSC has high enough standards to be endorsed by the World Wildlife Foundation, the Wilderness Society, the Natural Resource Defense Council, the Rainforest Alliance, the World Resources Institute, and the US Green Building Council.

EcoTimber
1611 Fourth Street
San Rafael, CA
888/801-0855
www.ecotimber.com

Big Creek Lumber Company
3564 Highway 1
Davenport, CA
800/464-2770
www.big-creek.com/

Golden State Lumber
38801 Cherry Street
Newark, CA
510/818-1000
and
1100 Andersen Drive
San Rafael, CA
415/454-2532
and
150 South Napa Junction Road
American Canyon, CA
707/648-7000
www.goldenstatelumber.com

Earthsource
(a division of Plywood & Lumber Sales, Inc.)
1618 28th Street
Oakland, CA
510/208-7257
www.earthsourcewood.com

Hayward Lumber
429 Front Street
Salinas, CA
831/775-8800
www.haywardlumber.com

Home Depot
770/433-8211
www.homedepot.com

Golden State Flooring
(A Division of Higgins Lumber Co.)
680 8th Street Ste. 169B
San Francisco, CA
415/522-5120
and
6805 C Sierra Ct
Dublin, CA
925/551-4750
www.goldenstateflooring.com

Plywood and Lumber Sales
4050 Horton Street
Emeryville, CA
510/547-7257
www.pals4wood.com

Beronio Lumber
2525 Marin Street
San Francisco, CA
415/824-4300
www.beronio.com

Alternatives to CCA-Treated Wood

Pressure treatment is used to prevent decay and insect damage to wood used for playground equipment, decks, telephone poles, foundations for buildings, picnic tables, landscaping ties, wharfs, retaining walls, and fence posts. Copper chromated arsenate (CCA) is the most common preservation treatment for wood that a typical homeowner will encounter.

Arch Wood Protection, Inc
(Wolmanized Natural Select)
770/801-6600
www.wolmanizedwood.com

Osmose Wood Preserving, Inc.
(NatureWood)
800/241-0240
www.osmose.com

Chemical Specialties
(ACQ Pressure Treated Wood)
800/421-8661
www.treatedwood.com



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High Performance Windows

Because energy efficiency is a crucial component of sustainable design, the efficiency of a building's windows is thus a good indication of how green a building is. The ability to create buildings with superior energy performance has been due, in large part, to the many improvements in window technology made during the last thirty years. These technologies are widely available and relatively inexpensive for most commercial and residential applications.

Fiberglass Windows:

Accurate-Dorwin
Winnipeg, Manitoba
CANADA
888/982-4640
www accuratedorwin.com

Integrity Windows and Doors Marvin Marketing Office
Eagan, MN
800/328-0268
www.integritywindows.com

Milgard Manufacturing, Inc.
Tacoma, WA
800/645-4273
www.milgard.com



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Bamboo Flooring

Bamboo is actually a grass that functions as a single plant, self-propagating as it spreads underground. Bamboo is not harmed by harvesting and can regrow into mature fiber in three-and-a-half to seven years. Most bamboo is found in China, but India, Japan, Vietnam, Costa Rica, and Indonesia are also commercial exporters. In China, the bamboo is raised by farmers and sent to a Chinese factory to be split, milled into small rectangles and glued into planks. These materials are then shipped to the US where it is manufactured into flooring.

Earthsource Forest Products
(a division of Plywood & Lumber Sales, Inc)
1618 28th Street
Oakland, CA
510/205-7257
www.earthsourcewood.com

Bamboo Hardwoods, Inc
800/783-0557
Sales Rep: Mari Strain
510/550-4449
www.bamboohardwoods.com

ProSource (trade only)
3051 Teagarden
San Leandro, CA
510/614-9435
and
320 Swift Avenue
S. San Francisco, CA
650/871-9600
www.prosourcefloors.com

Eco Timber
1611 Fourth Street
San Rafael, CA
888/801-0855
www.ecotimber.com

Smith and Fong
375 Oyster Point Blvd. #3
South San Francisco, CA
866/835-9859
www.plyboo.com

Flourish International
4562-I East Second Street
Benecia, CA
707/748-7906

Cork Flooring

Cork is the outer bark of the cork oak tree and is typically harvested every nine or ten years. It is a natural product that can be used anywhere a resilient floor is needed. Cork generally comes in tiles of various sizes, is durable, provides acoustical and thermal insulation, cushions the foot, is resistant to moisture damage and decay, and is easy to clean.

Mari Strain
Flooring Alternatives
Wk: 510.550.4449
mari@flooringalternatives.com

Dodge-Regupol, Inc
Lancaster, PA
866/833-7780
www.regupol.com

Korq, Inc
New York, NY
877/397-8663
www.korqinc.com

WE Cork
Exeter, NH
800/666-2675
www.wecork.com

Expanko Cork, Co.
West Chester, PA
800/345-6202
www.expanko.com

Natural Cork, LLC.
Augusta, GAS
800/404-2675
www.wicanders.com

Wicanders Natural Cork
River Edge, NJ
800/828-2675
www.wicanders.com



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Green Carpet

“Green” carpet includes natural fibers such as: Wool, Jute, Sisal, Sea Grass, Coir or recycled content “pop bottle” PET plastic. NOTE: For reasons outlined below, exploring alternatives to carpeting is highly recommended.

Mohawk Carpet (mfr)
(Image Carpet)
800/266-4295
www.mohawkcarpet.com

Conklin Brothers
2999 Teagarden
San Leandro, CA
510/357-1090

Shaw Industries, Inc.
(Renew Carpeting)
800/342-7429
www.shawcontract.com

Anderson Carpet
4101 Broadway
Oakland, CA
510/652-1032

Brandon Carpet Co.
20338 Meekland Avenue
Hayward, CA
510/538-0992

Shaw Carpet and Floor Center
3191m Crow Canyon Place
San Ramon, CA
925/866-2200

Local Mohawk Dealer
Shawn Carlson
415/245-0324

Natural Linoleum Flooring

Natural linoleum is a durable flooring product made from linseed oil, pine rosin, wood flour, limestone dust, natural pigments, and jute. Natural linoleum can be used anywhere a resilient floor is needed, as well as also being used in countertop and desktop applications. Natural linoleum is available in tiles and sheets. Once the predominant flooring, natural linoleum has been largely displaced by less expensive vinyl flooring. However, due to its many environmental and performance advantages over vinyl flooring as well as its attractive, vibrant appearance, it is making a comeback.

Armstrong World Industries
800/233-3823
www.armstrongfloors.com

Azrock (a division of Domco, Inc.)
800/558-2240 x8240
www.domco.com/azrock

Forbo Industries, Inc.
800/842-7839
www.forbo-industries.com