



Quaker Window Products presents: **BUILDING GREEN** For A Better Tomorrow

Building Green is not a fad. It's here to stay. It's a good thing too, because on an average day in the United States, the built environment accounts for 36% of total energy use, 65% of electrical consumption, 30% of greenhouse gas emissions, and more than 372,000 tons of waste output!*

In the last few years, the Build Green movement has ascended into the mainstream of the American building industry. But at Quaker, the Green Movement is nothing new to us. We're very proud to say that we've been offering positive, environmental products for many years. Quaker Window Products' Build Green participation and activities have grown over the years. For example:



- Quaker has been an ENERGY STAR™ partner for 10 years, producing windows & doors every day that not only meet, but consistently exceed, the stringent criteria set forth by the ENERGY STAR™ organization.



- At Quaker, we're continually implementing and installing machinery in our manufacturing plants that lessen our waste of raw materials, such as glass, aluminum, vinyl, wood and paint.



- Our aluminum scrap is regularly sold to recyclers for re-use.



- In recent years, we've periodically worked with and donated our over-stocked products to local Habitat for Humanity branches, including H.F.H. offices in Jefferson City, Missouri and St. Charles, Missouri.



- In 2005 & 2007, Quaker donated windows to the Missouri University of Science & Technology's Solar House project. The project is part of the U.S. Department of Energy's Solar Decathlon, a nationwide competition between colleges and universities to design, build, and operate the most attractive, effective, and energy-efficient solar-powered house. Quaker has already made plans to be a part of the 2009 competition.



- In 2009, Quaker's in-house paint facilities switched to a powder-coat finish, thus implementing several "Green" advantages over conventional liquid coatings: Powder coatings emit zero or near zero volatile organic compounds. Production lines produce less hazardous waste than conventional liquid coatings. Also overspray from powder coating can be recycled and re-used, thus it is possible to achieve nearly 100% use of coating.

* source: www.usgbc.com

Making it Better to Make a Difference



Freeburg, Missouri
A Tradition of Quality
since 1949!
1-800-347-0438
www.quakerwindows.com

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Quaker Window Products Co., Inc. does not make any guarantee of LEED-accreditation or Level Certification with the use of Quaker products.



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Quaker windows and doors contain many components that are considered “green”, including glass, aluminum, and in some cases wood. As you can see below, the manufacturers of these components, our suppliers and partners in the Build Green movement, are doing their share to help.



“There are several raw materials used in the process of manufacturing flat glass. Along with Silica Sand, Soda Ash, Dolomite, Saltcake, etc., we also use what we call cullet. Cullet is our broken glass or broken glass we buy back from our customers that we re-melt or recycle into our batch. The amount of this we use in our batch averages 20%. In other words, the batch which we draw the glass from is approximately 80% new raw materials and 20% cullet.”
Darrell Bowers, Guardian Glass Industries, DeWitt, IA



“Up to 40% [of our aluminum] is post-consumer and 21% post-industrial recycled aluminum. As you know, we have a casting facility on site and recycle a large percentage of our own material. We also purchase billet made from recycled production.”
Stan Guess, Tower Extrusions Ltd., Olney, TX



The extrusion billet produced by [us] is produced utilizing re-melted Scrap and Prime ingot. This billet consists of approximately 30% virgin metal units from primary smelters with the remaining 70% consisting of reclaimed or scrap material. Aluminum is a virtually infinitely recyclable material. The re-melting process produces very little waste; generally less than 2% of the total volume re-melted by weight is lost due to oxidation. All extrusion billet produced by [our] owned and operated facilities is produced via the re-melting process.”
Frank Carnell, Hydro Aluminum North America, Monett, MO



“In 2006, [we] extruded approximately 10,000,000 pounds of Aluminum. Of this total, approximately 80% was prime material and the other 20% was recycled material. These figures would hold true for previous years also. Of course 100% of what we extrude is recyclable.”
John Hardcastle, Claridge Extrusions, Harrison, AR



“Because [we] recognize the need to practice good forestry management, we have followed the practices directed by the Forestry Stewardship Council (FSC) for several years. The FSC is an international, not-for-profit membership-based organization that brings people together to find solutions to the problems created by bad forestry practices and to reward good forest management. Today, we operate facilities in the U.S. that are FSC certified.”
Dan Allen, Woodgrain Millwork, Greenville, TX

Green Credit points may be possible by using Quaker windows in your project.# Find out by contacting us today.

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