



GREEN Now

...for a Better Tomorrow



The Build Green program has been around for nearly 3 decades. During that time, Build Green programs have revolutionized the building industry. Builders, manufacturers, architects and designers have all begun to “Think Green” in the course of formulating ideas and goals. Meanwhile, LEED (Leadership in Energy & Environmental Design) has become the globally-recognized symbol of excellence in green building

In the last 15+ years, the Build Green philosophy has ascended into the American mainstream and statistics show it’s working. The amount of waste per person is down 9% since 2000*, and the U.S. recycling rate has more than doubled since 1990* when the EPA instituted the Green Build program.

At Quaker Windows & Doors, the Build Green movement is actually second nature to us. We’re very proud to say we’ve been offering positive, environmental products for many years. Quaker’s Build Green participation and activities have grown over the years. Here are some examples:

* sources: epa.gov & buildinggreen.com

Quaker has been an Energy Star™ partner for more almost 20 years, producing windows & doors every day that not only meet but consistently exceed the stringent and ever-changing criteria set forth by the Energy Star™ organization.



Aluminum and glass scrap is regularly sold to recyclers for re-use.

OPTICORE TECHNOLOGY In 2019, we introduced products infused with a patented design known as OptiCore technology. These window products put a supreme emphasis on energy-efficiency and ecological co-existence. The results show thermal efficiencies not thought possible for products containing such strong structural integrity.

A continual implementation and installation of new machinery in our manufacturing plants that lessens waste of raw materials, such as glass, aluminum, vinyl, wood and paint.

Quaker’s in-house paint facilities use 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. Over-sprayed powder can be recycled and re-used, thus it is possible to achieve nearly 100% use of coating.

New and improved glass packages are offered with all of Quaker’s windows and doors. These glazing set-ups are versatile and efficient; sunlight and solar heat can be deflected or captured depending on what’s necessary.

MISSOURI S&T We are pleased to have partnered 5 times with Missouri Univ. of Science & Technology, providing windows to their bi-yearly “Solar House” project. This event is part of the U.S. DOE’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.



We provide products yearly to local Habitat for Humanity branches. For the Jefferson City (MO) H.F.H. bureau alone, we’ve donated windows for more than 60 homes. Other Missouri H.F.H. offices receiving donations from Quaker include Joplin and St. Charles.



The Laurel - St. Louis, MO



Missouri S&T “Solar House” - Rolla, MO



Crosstown Concourse - Memphis, TN

courtesy McGinn Photography

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.



CARDINAL IG 

“Cardinal’s float glass plants recycle glass scrap in two ways:

- 1. The glass manufacturing plant re-melts all internal waste, which makes up 10-12% of the finished product. It should be classified as reuse and doesn’t qualify for recycle credits.*
- 2. Our glass fabrication factories (tempering, coating & insulating) as well as outside customers return clean scrap to the float plant for recycle and reuse. The concentration varies from 12-17% of the finished product, and can be considered as pre-consumer recycle content. We do not use scrap from sources outside of our supply chain, so there is no post-consumer recycle content in our glass manufacturing.”*

Jim Larsen
Cardinal Glass Industries
Eden Prairie, MN

TOWEREXTRUSIONS, LTD.

“At this time, (our) re-melt facilities use primary aluminum and scrap aluminum. The quantities and types of scrap consumed are typically the following proportions: 50% post-industrial scrap, 20% post-consumer scrap, 30% primary aluminum. It is also important to note that there are occasions when (our) billet may be produced from 100% post-industrial scrap and/or a combination of post-industrial scrap and post-consumer scrap.”

Stan Guess
Tower Extrusions Ltd.
Olney, TX



“Of our yearly total billet purchases in 2015, approximately 33% was recycled. I feel this figure is still a fair representation (as) purchasing trends have not changed since that time. Of course 100% of what we extrude is recyclable.”

John Hardcastle
Claridge Extrusions
Harrison, AR



woodgrain millwork

“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
Fruitland, ID

Highland Stacks - Indianapolis, IN
NAHB Certified Gold Level Green Home



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Projects like these have found that Quaker windows can assist in accruing LEED Credit points. This may be possible in your project too.# Find out more by contacting us today.

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

Eco School House - Columbia, MO
Winner of Green Building of America Award

