

New England Window Systems, Inc.

High Performance Sustainable Fiberglass Windows & Doors



Sustainable

Designed for
Beauty & Strength



Stability & Strength



High Resistance
to
Warping & Twisting



Energy Efficient

Sustainable Residence
South & West Elevations
U Value .11* R 9.1
North & East Elevations
U Value .13 * R 7.7
* Center of Glass



Low Expansion & Contraction Rates

Protecting our planet begins with a grain of sand[©]

Fiberglass is made from Silica Sand which is an inert natural material and does not contribute to environmental degradation and deforestation

VISIT OUR WEBSITE ~ WWW.FIBERGLASSWINDOWS.COM

Fiberglass

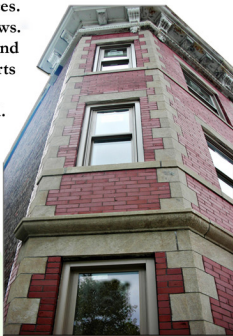
“Protecting our planet begins with a grain of sand.”[©]

Russell Hadaya- President-New England Window Systems, Inc.



Sand. It's one of the earth's most plentiful resources. Silica sand is the key ingredient in fiberglass windows. Fiberglass is environmentally friendly, sustainable and is a “GREEN” product. Fiberglass windows supports

LEED based design and contributes to reducing a buildings carbon footprint. So protecting our planet really can begin with a grain of sand. New England Window Systems, Inc. is committed to assisting architects, developers, contractors and the general public about ecological and financial benefits of fiberglass windows. New England Window Systems, Inc. has aligned its business philosophy with gas & electric utility energy conservation programs. New England Window Systems, Inc., working with DMJM, Harris Energy Services, Conservation Services Group (CSG), Ameresco and other ESCO's has helped thousands save money by installing energy savings windows.



Columbia Woods
Affordable Housing

Benefits of Energy Star Qualified Windows

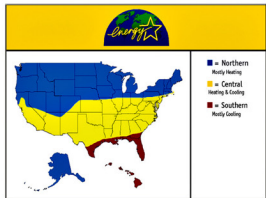
Energy Star rated products are your assurance from the DOE (Department of Energy) that our fiberglass window systems will save you money and energy. New England Window Systems Inc. has eliminated all the homework and guesswork by engineering fiberglass windows and doors that meet Energy Star Specifications.

HIGH-PERFORMANCE WINDOWS

Energy-efficient windows employ advanced technologies, such as protective coatings and improved frames, to help keep heat in during the winter and out during the summer. These windows also block damaging ultraviolet sunlight that can discolor carpets and furnishings.



Neighborhood Charter School



Doors & Windows

Region	U-Factor
Northern Heating	0.35
Central Heating & Cooling	0.40
Southern Heatly Cooling	0.75

- ENERGY SAVINGS
- IMPROVED COMFORT
- REDUCED CONDENSATION



Fiberglass Windows
Support LEED Based
Design and Point
Programs

MIT Solar Decathlon team chooses high performance fiberglass windows supplied by New England Window Systems, Inc. for the 2007 Solar Decathlon Competition on the Washington Mall



Many Windows....

The Solar 7 House uses a number of window technologies in order to showcase the many options you have when designing or re-designing your home in a sustainable way. Many of these windows were designed for optimal retention of heat while considering the effects on daylighting. Based on extensive daylighting analysis, our contact at New England Window Systems developed most of the windows throughout the house.



MIT - DOE Solar Decathlon Competition

The Solar Decathlon is sponsored by the Office of Energy Efficiency and Renewable Energy at the US Department of Energy.

http://web.mit.edu/solardecathlon/construction/const_wnd.html



Beacon Realty Trust Condominiums

- Fiberglass windows & doors have tight seals, resulting in a high resistance to sound transmission, substantially reducing exterior noise.
- Fiberglass windows have stability to remain virtually maintenance free.
- Endless Color Availability- Five standard colors, White, Antique Beige, Commercial Brown, Almond & Slate or Split finish, two tones available.
 - o Hundreds of custom colors available, also with split finish options.
- **FIBERGLASS WINDOWS & DOORS ARE THE MOST ENERGY EFFICIENT FRAMING SYSTEMS AVAILABLE IN THE MARKET.**

The Neighborhood Charter School

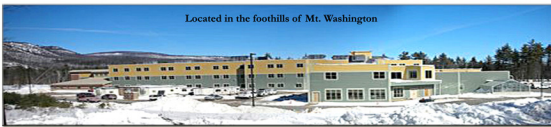
Fiberglass Windows are GREEN

- Fiberglass is made from Silca Sand which is an inert natural material occurring product which does not contribute to environmental degradation and deforestation.
- Fiberglass frames have a high resistance to moisture and condensation virtually eliminating mold growth.
- Fiberglass windows are made with thermoset resins, which does not out-gas or release dioxins during manufacturing or after installation.
- Fiberglass frames are resistant to rotting, splitting, warping, corroding, denting, shrinking, twisting, cracking, deteriorating or distorting.



Columbia West Affordable Housing

Located in the foothills of Mt. Washington



Kennett High School - North Conway, New Hampshire

Cambridge Housing Authority replacing over 2,600 aluminum windows with Energy Star rated Fiberglass Windows

New England Window Systems, Inc. was chosen to supply fiberglass windows to the Washington Elms Development in the Spring of 2008



Summer 2007 Volume 3 Issue 3

On the Conservation Front: CHA Selects Energy Efficient Windows for Washington Elms

CHA's Planning and Development staff is happy to announce that a window replacement project has been planned for Washington Elms. CHA is using windows constructed of fiberglass to replace the existing windows, which were originally installed in 1978.

The firm of Baker/Wohl Architects has designed the project, and Lambian Construction Corporation was selected as the General Contractor. Construction will begin in early Fall 2007. When completed in the Spring of 2008, over 2,700 windows in 175 units will have been replaced. CHA is using \$575,000 from its MTW Block Grant as well as capital funds left over from modernization projects that came under budget to cover the costs of replacing the windows.

Fiberglass windows were selected for this project for the overall strength, durability, and efficiency.

CHA has used the fiberglass windows at River Howard Homes in a recent comprehensive modernization, and Planning and Development staff feels this choice is best for the residents' quality of life, and the sites long-term durability. Fiberglass is known for its strength and longer useful life compared to other window materials such as vinyl or aluminum.

While they are more expensive than windows often found in public housing developments, fiberglass windows typically last twice as long as vinyl or aluminum models. CHA believes the higher up-front cost of the fiberglass windows will more than pay off in the long run. Given the scarcity of federal funds for capital work, there is always a temptation to go with the cheapest product you can find. "As enticing as this may be, we strongly believe that it is in our residents and CHA's best interests to invest in products that will stand the test of time and, in the case of windows wind up saving money through greater energy efficiency," said Terry Dumas, Director of Planning and Development.



CHA selected energy efficient fiberglass windows for Washington Elms

Having much higher insulation ratings, the new windows will create a better living atmosphere for Washington Elms residents, most especially in the winter by keeping the New England chill out, and keeping valuable heat in. The windows will also feature very strong child safety screens, installed in an effort to protect younger residents, and add an additional protective element from the exterior as well.

The Manufacturing process used to make the fiberglass windows was also a consideration in CHA's decision to go with the fiberglass models. The windows are produced in a less energy-intensive process than vinyl or aluminum product, there by further reducing CHA's impact on the environment. As detailed in past issues, CHA is deeply committed to reducing its carbon footprint and environmental impact wherever economically feasible. The selection of fiberglass windows for Washington Elms is another example of CHA's commitment to environmental responsibility.

We are excited to see these new windows add to the aesthetic value of Washington Elms, enhance the quality of life for residents, increase the environmental efficiency of the units, and reduce CHA's long-term energy costs. We are investing the best materials for our residents and buildings, and look forward to seeing them installed.

<http://www.cambridge-housing.org/cha/info.nsf/64a39010c6986e985256447006c090?face39e4b8d857d85273320069-7c3f5FE/CHA%20Bulletin%20Summer%202007.pdf>

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Fiberglass Projects

HIGH PERFORMANCE WINDOWS

- MIT's Entry - DOE Solar

- Decathlon - Washington, DC

PRIVATE HOMES

- Private Residence - Quincy, MA

- Mountain Valley - Bethal, ME

AFFORDABLE HOUSING

- Columbia West- Dorchester, MA

- Drayton Homes - Dorchester, MA

- Columbia Woods - Dorchester, MA

HOSPITALS

- Tewksbury State Hospital -

Tewksbury, MA

SCHOOLS

- Neighborhood Charter School -

Dorchester, MA

- New Kennett High School -

North Conway, NH

- St. Peters Elementary School -

Cambridge, MA

CONDOMINIUMS

- Cypress Loft -

Brookline, MA

- Brook House -

Brookline, MA

- Sprague House -

Medford, MA

- Beacon Realty Trust -

Somerville, MA

- Walnut Park -

Stoughton, MA

- 950 Dorchester Ave. -

Dorchester, MA

- Beach Grove- Bridgton, ME

PUBLIC HOUSING

- River Howard Homes -

Cambridge, MA

- Washington Elms Development -

Cambridge, MA

- Pocasset Manor - Providence, RI

- Hillcrest Village - Providence, RI

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