



WHAT IS GREEN BUILDING?

“What is green home building? The careful design, construction, operation, and reuse or removal of the build environment in an environmentally, energy-efficient, and sustainable manner.”

– National Association of Homebuilders (NAHB) / McGraw Hill

WHO CARES ABOUT GREEN BUILDING?

BUILDERS

- Reduced callbacks and warranty claims
- Lower material and labor costs during construction
- Reduced purchase cost of mechanical equipment
- Less construction waste
- Higher quality homes= competitive advantage

HOMEOWNERS

- Lower utility bills
- Greater comfort
- Better indoor air quality
- Energy-efficient mortgages
- Higher resale prices

THE NATION

- Less reliance on fossil fuels
- Reduced greenhouse gas emissions
- More affordable homes for first-time homebuyers
- Lower medical costs thanks to healthier, safer living conditions
- Job creation in the energy-efficient building materials & equipment industry

*U.S. Department of Energy,
Building America Program
www.energy.gov*

THINK GREEN.

“Green building means applying new thinking to the way we build, remodel, renovate and develop our residences and communities.”

“It requires an understanding of the relationships between building site, building design, mechanical systems and other factors. Finally, it mandates a mind-set that enables healthy, mutually beneficial relationships between human, technical, and natural systems. Green building goes beyond reducing energy use or improving indoor air quality (though that’s a good place to start). It’s about addressing the whole system - not just the pieces. Conventional building methodology views each project in terms of its component parts - the insulation, the wiring, the plumbing, the landscaping, the climate, building orientation, interior finishes, etc. - but green building looks at the interactions between everything. It’s a whole-house approach that benefits builders, buyers, and the environment.”

– www.greenbuildingblocks.com

Green Buildings should be built in accordance with:

LEED® for Homes

The U.S. Green Building Council offers LEED for Homes, a rating system that “promotes the design and construction of high-performance green homes.”

According to the Council, green homes create less waste and conserve more energy, water, and natural resources. The home is also healthier for the environment and its occupants. Furthermore, the net cost of LEED home ownership compares to the ownership of a conventional home. For more information visit www.usgbc.org.

National Green Building Standard™

Current NAHB Green Home Building Guidelines were created for mainstream builders to highlight holistic, environmental solutions to integrate into a new home. The guidelines are also scalable to allow local associations to create their own green home building programs. For more information visit www.nahbrc.org.

IN THE UNITED STATES, GREEN BUILDINGS SAVE:

- 40% in water use
- 30% in energy use and greenhouse gas emissions
- 50-75% of construction and demolition waste going to landfills
- \$58 billion of sick time annually
- Green building adds \$180 billion of increased worker productivity annually

IN THE UNITED STATES, BUILDINGS ACCOUNT FOR:

- 36% of total energy use / 65% of electricity consumption
- 30% of greenhouse gas emissions
- 30% of raw materials use
- 30% of waste output / 136 million tons annually
- 12% of potable water consumption



WE ARE PLEASED TO ANNOUNCE

Wayne-Dalton is the first garage door and opener company to join the U.S. Green Building Council (USGBC), a non-profit organization composed of leaders from every sector of the building industry. Members work to promote buildings that are both environmentally responsible, and profitable, and establish healthy places to live and work. Wayne-Dalton has also implemented lean manufacturing and Six Sigma principles into everyday practices to ensure safety, quality, efficiency and waste reduction.



THE WAYNE-DALTON DIFFERENCE.

Wayne-Dalton is dedicated to protecting the environment and implementing sustainable practices to make our communities safer and cleaner for future generations to enjoy. As part of this commitment, we integrate sustainable practices, like recycling and energy efficiency, into our own workplace and products. Wayne-Dalton products mean a competitive advantage in homes. Our commitment to quality ultimately reduces the number of callbacks and warranty claims. Additionally, select Wayne-Dalton products are made from recycled materials and lead to less construction waste and lower material costs. To learn more, visit www.Wayne-Dalton.com.

RECYCLED MATERIALS

Because the garage is the single largest entry point into the home, Wayne-Dalton produces energy efficient, insulated garage doors. Moreover, 44 percent of Wayne-Dalton's sourced steel is recycled.

DESIGN AND INNOVATION

As a category leader, it is our responsibility to ensure that we are meeting the current and future needs of our customers and employees. We continue to seek out innovative methods to reach and exceed industry standards. In an effort to reduce our environmental footprint, we assure that our products, when used as intended, are safe through their entire life cycle.

ENERGY EFFICIENCY

Wayne-Dalton was instrumental in getting tax credits up to \$500 under section 25C of the International Energy Conservation Code for consumers installing high R-Value doors.

Wayne-Dalton also manufactures Z-Wave®-enabled products, which allow homeowners to control home settings such as lighting and thermostats through a remote, wireless network. Using programmable thermostats and lighting allows for effective control of the home's settings and ultimately impacts a homeowner's energy bill and reduces energy usage.



life's front door™

PRODUCT SPOTLIGHT

MODEL 9800

The industry's first fiberglass garage door - available in six premium finishes - employs Therma-Tru's AccuGrain™ technology. This patented technology is a superior, graining process that creates the warmth and beauty of real wood. Fiberglass prevents warping, splintering or rotting for a worry-free, low maintenance garage door option. For energy conservation and noise reduction, these doors use a highly efficient polyurethane insulation.



MODEL 9700

The Model 9700 garage door is available in 14 door styles and comes painted in factory white. It is also available in 3 custom paint colors, including a two-tone design, or unique stain finishes. The door boasts our highest level of energy efficiency.



iDrive PRO®

The iDrive® operates on direct current and uses 85% less electricity than traditional ceiling-mounted openers. It has a highly efficient and powerful motor and can be Z-Wave enabled to control Home Control systems.



For more products visit
www.Wayne-Dalton.com