



Imagine the Advantage.

R-50 Systems, LLC

Innovator of proven, patented building insulation solutions

Who We Are

R-50 Systems, LLC is an American Woman-Owned Business Enterprise that develops innovative high R-value insulation for commercial, industrial, and government building applications. Their new-to-market, 1" thick R-50 value insulation product, Rich-E-Board™, provides architects, owners, custom builders and government building decision makers with reduced energy consumption, lower construction and renovation costs, and design freedom unmatched by alternative products.

R-50 Systems' corporate headquarters and product design center is located in Kennett Square, Pennsylvania and has an engineering office in Atlanta, Georgia.

Our Mission

R-50 Systems' mission began with providing a proven solution to the dilemma of the high R-values mandated by local, state, and federal regulations and limitations posed by space restraints in building envelopes. This mission has since expanded, and their product designers and engineers continue to create innovative, high-performance products that deliver long-term benefits.

R-50 Systems operates with a commitment to sustainability and minimizing impact on the environment, meeting the highest level of Leadership in Energy & Environmental Design (LEED). Their products are 100% recyclable, reusable, and reclaimable, reducing the amount of landfill waste by over 8 times. GSA simulations have shown that this product can reduce electric and gas bills by 8% and 10%, respectively.

The R-50 Systems Advantage

R-50 Systems' **Rich-E-Board™** is a one-inch (1") thick, vacuum-sealed R-50 value insulation that is unlike anything on the market. This high-performance product is patented and fully-certified, delivering government mandated R-values and net zero capability in the slimmest profile ever achieved. It is a green, sustainable, ultra-thin insulation solution with measurable advantages over alternative products.

Conventional insulation requires thicknesses of up to 15" to reach an R-Value of 50. Rich-E-Board™ provides this same R value of 50 at 1". The slim, lightweight design decreases costs of building modifications and structural retrofits, while creating more usable space for living and/or operations. Because Rich-E-Board is cut-to-spec, it can be used in any and all building and wall applications with little wasted material.

Rich-E-Board's total cost of ownership and installation is far less than that of traditional insulation. Although the upfront rates per square foot of alternative products are lower, R-50 Systems has cut the total costs of 100,000 sq. ft. projects by more than 20%.

Who We Help

Architects, contractors, building owners, facility managers, government decision-makers, and early adopters specify R-50 Systems' insulation products for a range of commercial building applications, including courthouses, government buildings, and universities. Notable institutions such as the University of Pennsylvania have worked with R-50 Systems to provide insulation solutions.



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The majority of their products are used in commercial applications, but R-50 Systems also serves residential customers, delivering insulation for walls, roofs, attics, and floors to reduce homeowners' long-term energy costs.

A Full Range of Services

R-50 Systems' capabilities extend beyond their product offering. Through sister company, Roofing Resources, Inc., R-50 Systems provides customers with highly-specialized experience, consulting, technical excellence, and compliance in design/build roofing, waterproofing, photovoltaics, green roofs and building envelope projects.

R-50 Systems' programs include promoting energy reduction and cost containment with roof, exterior waterproofing, energy planning, restoration, and repairs with design, bidding and managing large roofing and energy projects throughout the United States.

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