

HOOVER BUILDING SPECIALISTS



With a client named “Solar Innovations” and a project designed to be LEED-certified, you can be sure the roof was a critical factor for insuring the most energy-efficient system. It proved to be the perfect candidate for the Owens Corning™ Elaminator® Insulation System, which provides energy savings through the application of high-R value insulation for new construction, while allowing for increased safety and productivity by operating without support bands.

Hoover Building Specialists, a leading steel building contractor in southeastern Pennsylvania, knew that Solar Innovations was trying to be as “green” as possible in its construction. So an energy-efficient, double-layer Elaminator® R-43 roof system was the ideal solution.

“Solar Innovations has been a recurring client and we were particularly excited about this project, which was designed to highlight the company’s commitment to reducing its environmental footprint through the most energy-efficient building solutions,” said Tom Schaller, drafting supervisor at Hoover Building Specialists. “Based on the energy efficiency desired and the major square footage required, the Elaminator® Insulation System was the best bet. You end up with a roof system with a high R-value that will provide both cost and energy savings.”

Schaller added, “In addition to the increased insulation potential, we recommended the Elaminator® Insulation System based on the sheer size of the roof and from a safety standpoint due to how busy the site was.” Among the key benefits he cited were the superior fall protection and the ability for the erector to get more done in a day’s time – saving the contractor and customer money while keeping everyone safe.”

The 152,000-square-foot project is one of the bigger insulation projects that Jared Welsh has overseen as district manager of Therm-All, one of the largest providers of the Elaminator® Insulation System in the United States.

“The client wanted energy efficiency in the building and based on the project’s parameters, this was the most cost-effective, safest way to achieve it,” said Welsh. “The Elaminator® Insulation System allowed us to meet his needs in the quickest and highest-value manner possible.”

“We were seeking the ultimate in energy efficiency, and insulation was key. This was definitely the best system to meet our goal of energy and cost savings,” said Solar Innovation’s Michele Shockey, who has been instrumental in the company’s efforts to seek LEED certification.

Hoover’s Schaller says that he first used the Elaminator® Insulation Systems 10 years ago when it was fairly new, and has worked with it about a half-dozen times in the past couple years, including three times in the past 18 months.

“We will definitely continue to use the Elaminator® Insulation System. It provides more energy-efficient solutions for our clients and just makes a lot of sense,” said Schaller.

Welsh agreed. “Clients are clamoring for more and more insulation based on rising energy prices and their goal of increased efficiency. They are willing to invest now to recoup the costs down the road. Across the board, I see it changing from single to double insulation for that reason. Though it’s slightly driven by codes, the desire to save money on energy bills by increasing efficiency is the driving force and I expect it to continue that way.”

Owens Corning™ Elaminator® Insulation System features:

- **Safety:** The patented 300 Series machines comply with OSHA fall protection standards*. It offers a patented perimeter guard rail, a 14' guardrail at ridge or eave of the building, and a rear 6' extension that defines a guarded work zone for roofing.
- **Productivity:** The Elaminator® Insulation System improves productivity by allowing the insulation to be installed on days where windy conditions would normally prevent roof sheeting with both 300 and 120 machines.
- **Performance:** The systems low u-values were obtained by ANSYS finite element analysis and validated by hot box tests via ASTM C 976.
- **Appearance:** The Elaminator® Insulation System provides a system with facing seams lapped over the purlins where they are not exposed.
- **Availability:** The Elaminator® Insulation System is available through Owens Corning™ Elaminator® licensees throughout the United States.
- **Certification:** Owens Corning’s Elaminator® Training Program provides additional assurance of quality installations with certification for 300 series machines.

*Visit www.osha.gov for details.



OWENS CORNING INSULATING SYSTEMS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1-800-GET-PINK®
www.owenscorning.com

Pub. No. 1001187-A. Printed in U.S.A. March 2010. The color PINK is a registered trademark of Owens Corning. © 2010 Owens Corning.

LEED is a registered trademark of U.S. Green Building Council