



Fi-Foil's Retro Shield System: Saves Energy; Improves Comfort for Workers



Completed Ceiling
Water Management Building



Retro Shield™ Installation on Walls

When managers at the South Florida Water Management Field office needed to make working conditions cooler inside its 6,000 square-foot metal building in Kissimmee, Fla., they turned to Ervin Wilson, a sales representative for Gale Insulation, a Masco Contractor Services company, for help.

The building, which was not insulated or air conditioned, housed office workers as well as a large maintenance shop that often exceeded 100 degrees during Florida's hot summer.

"Regular insulation would have held the heat inside the building," said Wilson. "We needed something that would keep the heat out and we were limited to what we could do because it was a metal building with purlins."

Wilson decided to try a product produced by Fi-Foil Company, Inc. one of the nation's largest manufacturers and distributors of energy-efficient reflective insulation and radiant barriers.

He quickly determined that Fi-Foil's Retro Shield System™ reflective insulation was the perfect solution.

Fi-Foil, which is based in Auburndale, between Orlando and Tampa, had just introduced the product, says Wilson.

"It was the best product to use because it could be installed with its clip and pin system – and it was the most cost effective option for our customer," he said.

The Retro Shield System™ can reduce radiant heat transfer by as much as 97 percent – making it a perfect solution for metal buildings. Its patented Clip & Pin system is easily installed at the bottom of roof purlins and beams and the inside of the wall side purlins and beams. By covering the purlins and the roof and wall surfaces, Retro Shield significantly improves the building's thermal performance.

Wilson's crew quickly learned how to install the system, which is only a one-step process. Unlike of other systems that require gluing of stick-pins and support cables – the Retro Shield System™ is simple and easy to install.

"With the Clip & Pin system we were able to install the Retro Shield System™ throughout the building on the walls and ceilings," said Wilson.

"It only took us about half the time it would have taken us to install a typical system and the office workers and mechanics didn't lose any down time – we were able to work around them," he said.

"It produced a clean surface when it was done and there wasn't a break in the material anywhere," he said.

"The surface reflects light and the mechanics were very pleased with that because they could see much better than before. And, the inside temperature dropped about 25 degrees," he said.

Wilson has used Fi-Foil's other reflective insulation and radiant barrier products with confidence for years, so he again turned to Fi-Foil for help in solving another customer's problem last year.

Office workers in a Kissimmee medical facility were constantly complaining of uncomfortable interior temperatures that fluctuated in various areas of the building. The 4,000 square-foot concrete block building had high wood trusses, which presented a challenge.

"The attic got so hot during the summer months that the air conditioning system wasn't able to maintain comfortable temperatures inside," he said.

Again, Wilson chose Fi-Foil's products for their cost effectiveness, proven energy efficiency and easy installation.

The result?

"The customer was ecstatic," said Wilson.

"For the first time they were able to keep temperatures comfortable and constant throughout the building."

For more information on Fi-Foil's complete line of reflective insulation and radiant barrier products or to find out how they can help save energy and keep building interiors comfortable year round, visit the company's web site at "<http://www.fifoil.com>" or call 1-800-448-3401.





The Retro Shield System™ Has Revolutionized Insulating New and Existing Metal Buildings



Completed Ceiling
Appliance Store

- Saves Energy
- Attractive Finished Appearance
- Improved Lighting
- Strong Mechanical Connection without Glue or Support Cables
- Single Step Installation for Minimal Interruptions
- Works with All Types of Metal Framing
- Does Not Absorb Moisture like Standard Mass Insulation

Finding a cost-effective solution for insulating metal buildings to control your energy costs just got easier! Fi-Foil Company, a leader in reflective insulation products, offers a patented and proven system to solve your comfort and energy problems. With the Retro Shield System™, you'll find comfort in knowing that you've found a one-time solution that is affordable and effective.

The Retro Shield System™ offers exceptional thermal performance by using the combination of RBI Shield™ or Reflective Bubble Insulation and a patented Clip & Pin system that is installed at the bottom of the roof purlins and beams and the inside of the wall side purlins and beams. By covering the purlins and the entire roof and wall surface, the Retro Shield System™ significantly improves the building's thermal performance. In fact, it will reduce radiant heat transfer, the most dominant form of heat transfer, as much as 97%. Most building owners are fully satisfied with the thermal performance of the system alone; however, the strength of the design also allows it to be backfilled with additional mass insulation for specific R-value requirements.



Retro Shield
SYSTEM

Comfort and Energy Solutions. It's our Business.



For a FREE informational video, please call toll free 1-800-448-3401 today or visit our website at www.retrosshieldsystem.com