

Success Stories



Project Details:

Location:

1005 West Grand Avenue
Lima, OH 45801

Project Contact:

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Technologies:

Updated coating line

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$994,000

Total Project Costs:

\$2,569,000

Energy Impacts:

- Reduced energy usage of the coating process by 95 percent
- Saving 16,800 MMBTU's annually

Economic Impacts:

- Saving \$148,076 in annual energy costs currently, and expect that to increase as production increases
- Jobs created or retained: 31 FTE's*

Environmental Impacts:

- Reduced CO₂ emissions by more than 1.8 million pounds per year, which is equivalent to taking 165 cars off the road.

American Trim



Background:

American Trim is a component manufacturer for the appliance and transportation markets. The company began in 1951 as a tool and die company, then expanded to produce range handles for the appliance industry. The company grew to eight manufacturing centers with the majority in Ohio. American Trim currently uses protective film in one of their manufacturing processes.

Challenge:

The original coating line thermally cured coatings on aluminum panels for the appliance industry. The thermal process required high temperatures to cure the panel and then additional energy to cool the part for handling. This system released 25 tons of VOCs each year. American Trim sought a more energy efficient and environmentally friendly solution as the company planned for future production.

Solution:

American Trim developed a new Selective Protective Mask coating cured with UV light. The updated line to coat parts reduces energy consumption by 95% compared to the old coating process, and produces zero air or water emissions.

"Saving that amount of energy allows us to create a product that is competitive in the global marketplace."

-Steve Hatkevich, Research and Development Director, American Trim

*Job creation numbers are based on direct jobs created or retained using Full-Time Equivalent (FTE) hours.



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