

# Safety Success™

## Installation Success Stories From Window Film Dealers Around The World

### Liberty Elementary Installs Armorcoat® Film And Sets The Standard for Schools!

In today's school systems, there are two issues that administrators must constantly contend with: students' safety and operating costs. Kenneth Payne, school superintendent for Duneland School corporation of Porter County, Indiana, addressed both issues with the Liberty Elementary School building, in hopes of determining a solution that could benefit all the schools in his district. Through its single-pane windows, Liberty was losing a significant amount of energy in the winter and had excessive solar heat gain in the warmer months. Administrators were also very concerned about building safety and protecting the students, in light of the numerous bomb threats and recent violence that schools around the nation were experiencing. Additionally, they wanted to make sure the large amount of computer equipment that had recently been purchased was as secure as possible.

Through a referral, Payne contacted David and Laura Pendleton of Crystal Clear Window Filming. They installed a total of 2,349 square feet of Armorcoat 4 Mil Solar Bronze 35, the advanced film that combines cost reducing energy control with outstanding safety and security features. It was decidedly the best solution for the school's needs.

The installation produced immediate results. In addition to rejecting 70 percent of the total solar energy and having a solar heat gain coefficient of .30, the film brought the school's energy consumption down over 12 percent. Just as importantly, the steps taken to ensure the safety of students earned Liberty Elementary the Safety Award from the Protecting People First Foundation - making it the first

school in the nation to receive the commendation. Also, only weeks after installation, an attempt was made to smash through one of the windows. Although completely shattered, the film held all the glass securely in place. The ample benefits and impressive results from the installation of Armorcoat has led the school system to plan a phased installation of the film in all of its schools over the coming years.



*"The price of installing the film was far less than it would cost to replace all the windows," said Mark McKibben, head of maintenance for the school system. "Cost avoidance on our utilities has been between 10 to 15 percent each month. To save money for the school system and to provide such a strong safety measure as well - those benefits alone make Armorcoat invaluable."*

### Installation Summary

<b>Building Name:</b>	Liberty Elementary School
<b>Location:</b>	Chesterton, IN
<b>Problem:</b>	Energy loss and strong solar heat gain Need for protection for students and equipment
<b>Solution:</b>	Armorcoat 4 Mil Solar Bronze 35
<b>Amount of Film Installed:</b>	2,349 square feet
<b>Benefits Experienced:</b>	Energy consumption down 12% Reduces heat in summer Reduces energy loss in winter Protects students from shattered glass Increases security against vandalism

