



LLumar® Safety and Security Window Films

A protective upgrade for glass in schools.



THE LEADING MANUFACTURER AND MARKETER OF HIGH PERFORMANCE WINDOW FILM

Increase safety and peace of mind with LLumar®

Now more than ever, it's important to safeguard school building glass to help protect students, teachers and staff. There have been more than 300 school shootings since 2013; about one a week on average, and this has made heightened security a key priority for educators, parents and government officials.¹

LLumar Safety and Security Films fortify entryway, first-floor and other vulnerable building glass, helping to thwart intruders and other potential harm. Choose the right safety solution for your school, from our selection of films that offer a variety of features that helps shield and defend.

- + **Protection** - LLumar Safety and Security Films are a heavy-duty, clear polyester compound, and can be installed with an attachment system² that helps secure film and glass framing together. They increase the shatter resistance of glass, slowing intruder entry and helping to prevent harm from bomb blasts, extreme weather and accidents.
- + **Solar Control** - LLumar Solar Safety Films combine protective features with technology that blocks 99% of UV rays³, helps reduce glare, and helps reject the sun's heat. They address security concerns while keeping indoor temperatures more even, helping to lower cooling costs, and reducing the harmful effects of sun exposure. Some solar safety films can also help provide daytime privacy for building occupants.
- + **Privacy** - LLumar iLLusions Decorative Films hide interior views from prying eyes, with a wide range of transparency levels able to soften harsh light and reduce distractions. Strategic installations can completely shield or partially obscure views into classrooms, libraries and office space while still allowing natural light to pass through.



Glass with a protective film and attachment system is more resistant to shattering and forced entry.





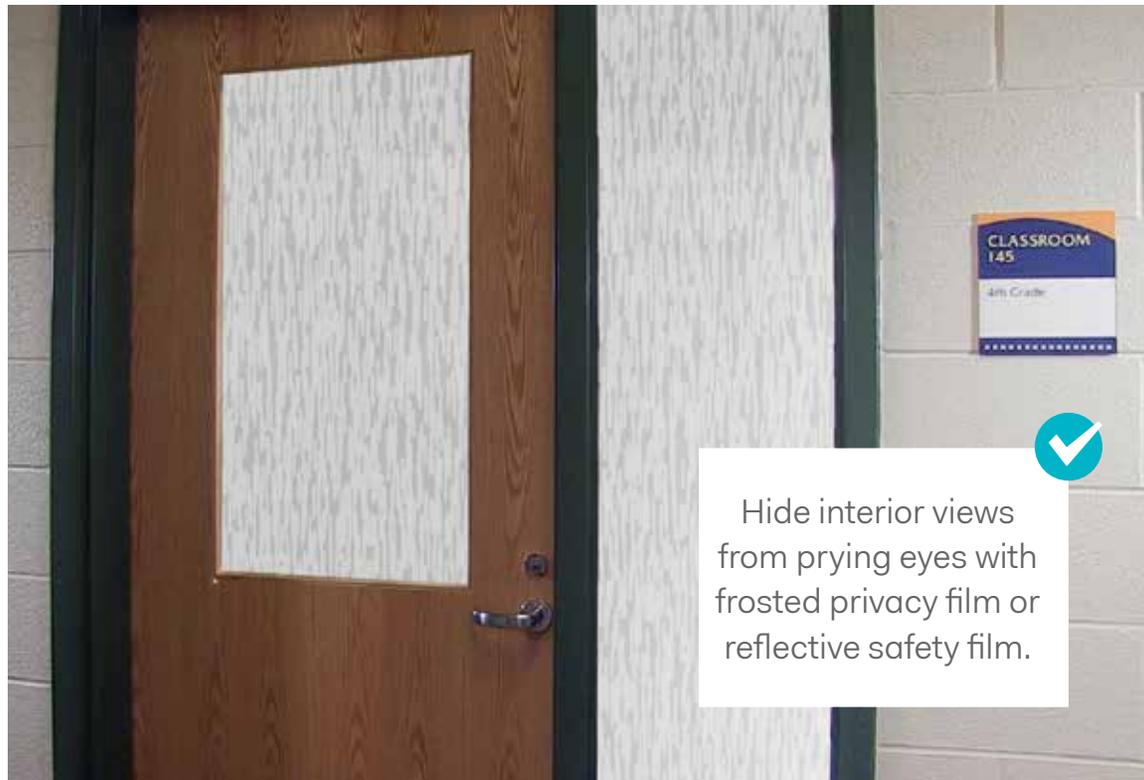
Gain Vital Time in Critical Situations

The average duration of an active shooter incident at a school is 12.5 minutes, according to research by the Department of Homeland Security. The national average response time for law enforcement is 18 minutes, or 5.5 minutes longer. Unfortunately, this means an active shooter incident will most likely be over before law enforcement arrives.⁵

A protective shield of LLumar Safety and Security Film can help buy precious time at your first line of defense. It delays entry at vulnerable points such as windows and doors, because film makes glass more challenging to shatter and penetrate.

Every Second Counts

1 in 3 U.S. parents fear for their children's safety at school.⁴



Hide interior views from prying eyes with frosted privacy film or reflective safety film.

It takes 1-2 seconds to shatter and penetrate typical glass. It takes 1-2 minutes (or longer) with Safety and Security film and attachment system.

SHATTERED GLASS WITH FILM

WITHOUT FILM



St. Mary's School in Johnson City, TN

Recent security events have prompted heightened safety awareness for schools of all sizes. St. Mary's formed a committee to evaluate security options and chose to install LLumar Solar Safety Film (N-1020 SR PS 8) as an extra layer of defense to help protect students, teachers and staff.



The 2018 STOP School Violence Act provides **\$75MM** in 2018 and **\$100M** 2019 – 2028 for schools to add security systems and more.⁷



Our Film is Designed for Your School

Professionally installed with minimal disruption, LLumar film is an affordable alternative to glass, window and door replacement. This makes it a smart security solution for existing educational buildings as well as new construction.

Optical clarity means you'll have no concerns about losing views post-installation, and a range of thicknesses make Safety and Security Films a match for virtually any protection upgrade project. Plus, LLumar's scratch-resistant coating is easy to clean and maintain.

Our films feature quality construction and are designed to last. We confidently stand behind every LLumar product with a Manufacturer's Limited Warranty.⁶ The schools featured here trust us to help protect their students, staff and buildings. We hope you will too.

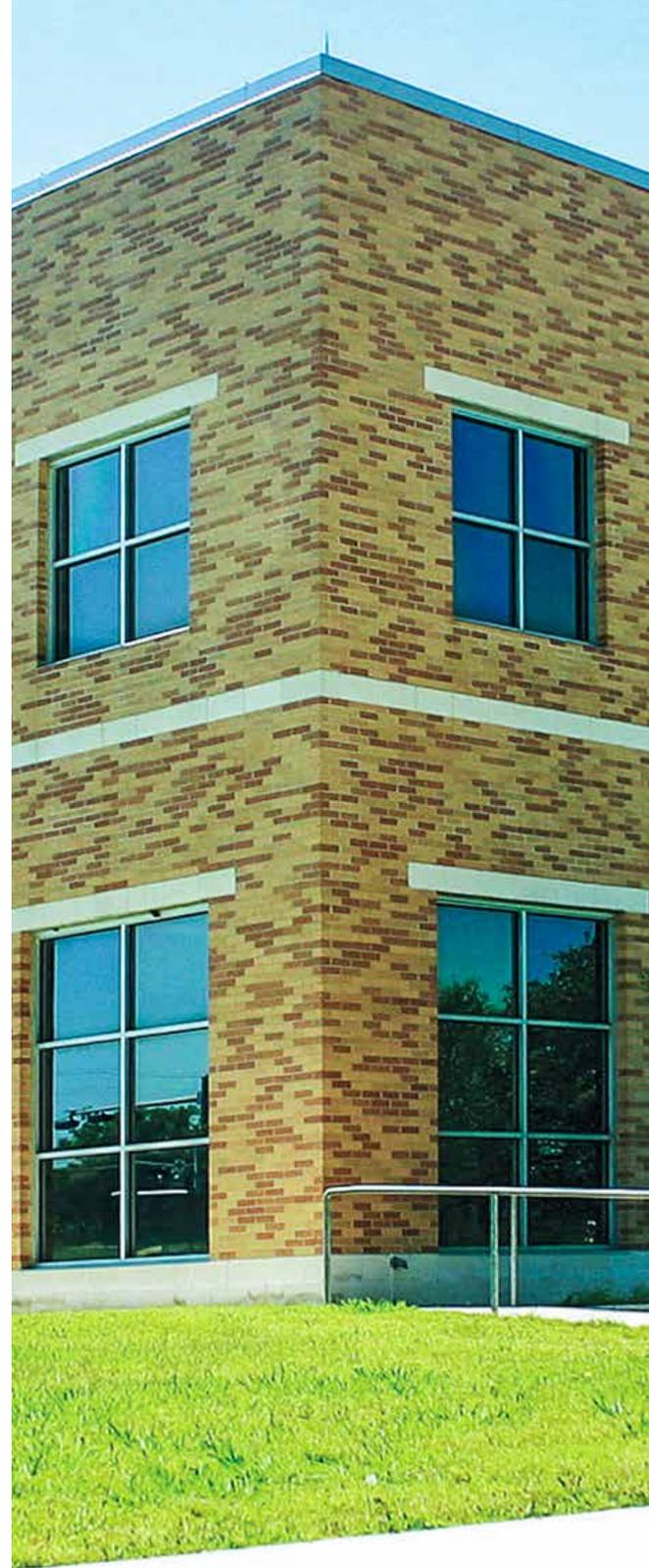
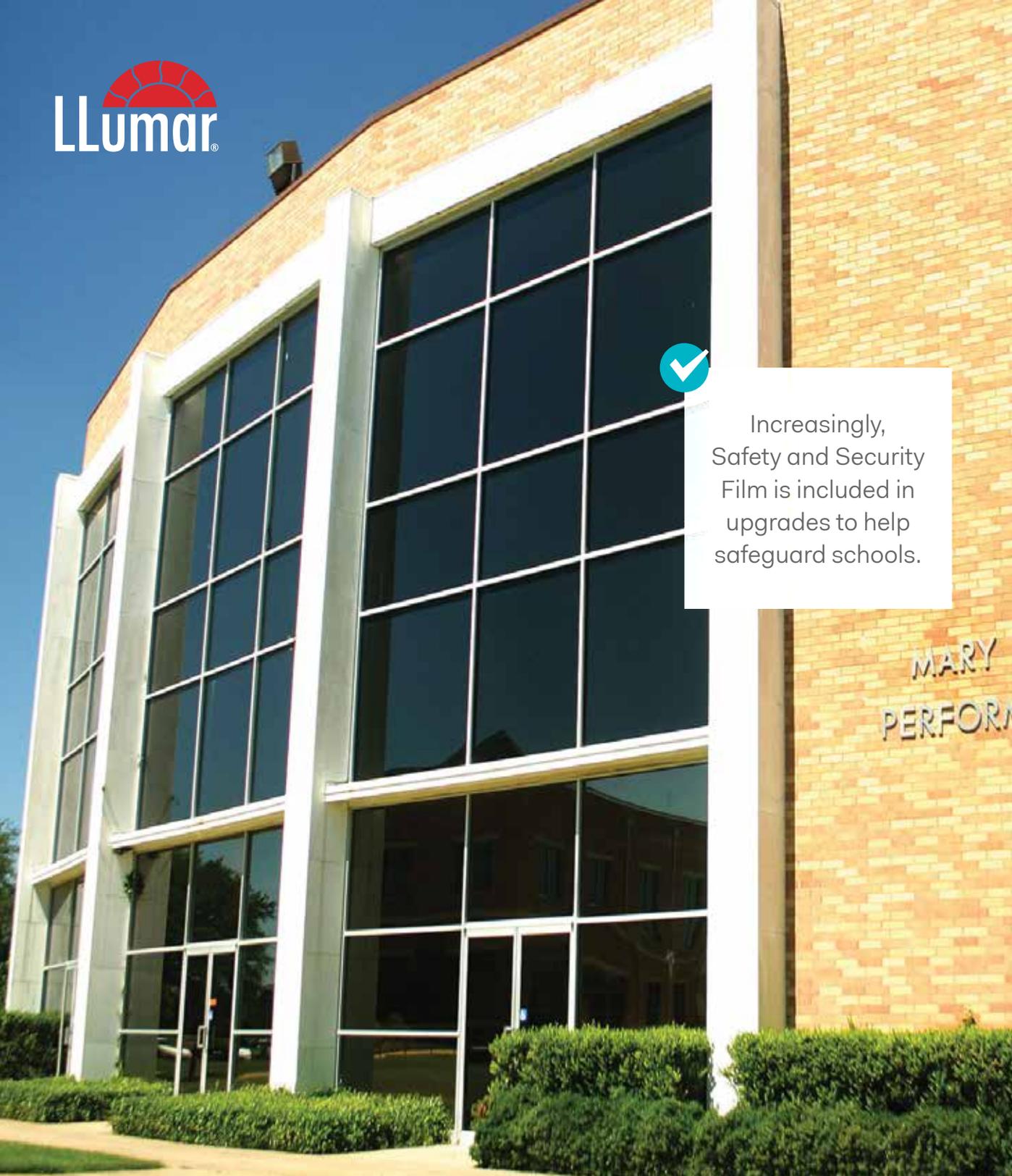


Schools choose Safety & Security Film because it:

- Slows intruder entry, buying precious time for action
- Helps protect students and educators from broken glass hazards
- Helps thwart smash-and-grab burglaries and other intrusions
- Costs less than replacing standard glass with laminated glass
- Can be used for existing doors, windows and other building glass



Increasingly, Safety and Security Film is included in upgrades to help safeguard schools.



Improve security, savings and peace of mind with LLumar window films.

Temple College in Temple, TX

The Temple College campus, with buildings spreading over 114 acres, faced a serious energy challenge. The Temple College window film project, 30,000 square feet (or 2,787 square meters) in all, is estimated to deliver annual energy savings of \$33,917 with a return on investment in approximately 3.6 years.

Schools choose Solar Safety Film because it:

- Offers a combination of safety and solar benefits
- Makes space near windows more comfortable and usable
- Helps protect people and interiors from harmful ultraviolet rays
- Helps increase energy efficiency and reduce operating costs
- Costs less than replacing existing glass with energy efficient glass

Contact us today to request a recommendation for your school.



About the Maker of LLumar Films

Eastman Performance Films, LLC has over 60 years' experience and is the leading manufacturer and marketer of high performance window tints and film. We work directly with our customers to improve the efficiency and performance of glass in automotive, residential and commercial applications.

Eastman is proud to have two of the largest and most integrated window and performance-coated film manufacturing sites in the world. These state-of-the-art facilities enable us to deliver one of the widest arrays of film technologies, helping to ensure high quality products with a clean-room environment. For more information, visit www.LLumar.com.



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1 Everytown for Gun Safety, SITE STUDY DETAILS. 2 A silicone attachment system is when structural silicone caulking is simultaneously applied over the window film and window frame forming a strong bond that helps hold the broken glass and film to the frame on impact. 3 Wavelengths 300-380nm. 4 Online poll of 515 parents of school-aged children commissioned by PDK International as part of a broader annual survey about American attitudes about education that is due out in August 2018. 5 Department of Homeland Security SITE STUDY DETAILS. 6 Certain restrictions apply; see authorized dealer for warranty details. 7 <https://www.govtrack.us/congress/bills/115/hr4909/summary>