

CASE STUDY LLumar® Safety and Security Film adds an extra layer of defense to help protect students, teachers and staff.



Building

Henry County Public Schools

Location

Henry County, Virginia

Window Film

SCL SR PS8 (Clear)

Type

Safety and Security Film



SITUATION

Increasing safety is quickly becoming a top priority for school administrators, staff, parents and students due to the rise in security concerns. Henry County Public School administrators have taken a proactive approach in developing a comprehensive security protocol, with safety and security window film being a key component.

“One of the things that we learned was time is so important to increase even a few seconds to help staff members get to safety and alert others,” Dr. Jared Cotton, superintendent of Henry County Public Schools said. “When we determined that using the film on the windows could add valuable life-saving seconds to a crisis scenario, then it was an easy decision.”

SOLUTION

LLumar SCL SR PS8 clear safety film acts as a barrier to help hold glass in place upon impact and helps deter intruders. Henry County Public Schools have installed LLumar safety and security film as a part of their safety measures, taking advantage of grants and remaining year-end monies to help fund this initiative.

“The Department of Education offers a School Security and Equipment grant”, said Keith Scott, director of facilities maintenance for Henry County Public Schools. “We applied for the grant, and have been fortunate enough to receive it for several years in a row. We have used the grant to increase our safety measures, such as surveillance systems, safety and security window film, along with other items that contribute to the safety of our buildings.”

RESULT

Safety and security film has made Henry County School District administrators and staff feel more secure. Tiffany Gravelly, principal and safety team member at Bassett High School, shared her perspective now that her school has safety and security film installed.

“Our faculty and staff feel safer,” Gravelly said. “The extra protective film not only gives us more time to get our protocols into place, but it also provides more time for law enforcement and other agencies to get to our school.”

Performance Data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% Ultraviolet Ray Protection (wavelengths 300-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Reflected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	0	0	0
Clear Series	This film meets stringent standards for forced entry and basic safety glazing.															
SCL SR PS8 (Clear)	81	9	10	89	10	10	1.07	0.96	99	0.90	0.84	16	1.06	2	-3	2

EASTMAN

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Data captured using National Fenestration Rating Council's (NFRC) guidelines on single pane, nominal 1/8 inch (3mm) clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. Films do not eliminate fading - they help reduce it. UV rays and heat are contributing factors to fading, but other factors exist. For further information, see LLumar.com/download-library. ©2018 Eastman Performance Films, LLC. Product brands referenced herein with a ™ or ® symbol are trademarks of Eastman Chemical Company or its subsidiaries. All other trademarks are the property of their respective owners. All rights reserved. No liability is accepted for errors. (07/18) LL2359P0D