

Better safety for a busy memorial



SITUATION: The John F. Kennedy Center for the Performing Arts, a living presidential memorial and one of the country's most esteemed performance venues, wanted to better protect the thousands of people who visit each month. The magnificent structure covers 17 acres and features theaters, concert halls, an opera house, and more. The Kennedy Center's foyer is itself one of the world's largest rooms, with towering glass walls.

SOLUTION: To better protect its patrons from the danger of broken glass, the Kennedy Center installed more than 18,000 square feet (1672.25 square meters) of LLumar Protective Film all throughout the building. A laminated polyester film bonded by a unique adhesive system, the 7 mil-thick clear film was fitted to all glass entryways and interior walls.

RESULTS: Now, while thousands of visitors pour into the Kennedy Center each month in order to enjoy performances and other galas, the memorial's management team rests much easier knowing that all of their patrons are well-protected from harm in the unlikely event of broken window glass. Both the thickness of the LLumar Protective Film and its unique bonding system play key factors in keeping the glass from shattering.

Building
John F. Kennedy Center for the Performing Arts
Location
Washington, DC.
Film
SCL SR PS7 (Clear)
Type
Protective Film

“Patrons are well protected in the event of broken window glass.”

Performance Data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (Exterior)	% Visible Reflectance (Interior)	Winter Median U-Value	Shading Coefficient	% Ultraviolet Rejected	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
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Protective Series

Safety and Security products are durable films available in a variety of clear, neutral, and reflective offerings with a range of solar control options. These thicker films meet the most stringent standards for burglary resistance, blast mitigation, windborne debris, and basic safety glazing.

SCL SR PS7 (Clear)

81	9	10	88	10	10	1.03	0.96	95	0.84	0.84	16	1.05	4	0	2
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Physical Properties

SCL SR PS7 (Clear)

Film Thickness (inches)	Appearance	Film Structure	Tensile Strength (constructed)	Tensile Strength (average as reported)	Break Strength (break load)	Break Strength (average load)	Elongation at Break	Peel Strength	Puncture Strength
0.007	Clear	Single	31,050	32,000	230	211	>100%	>2720 (>6)	145