



CASE STUDY: Transformed in less than a day

Building

World Trade Center

Location

Atlanta, Georgia, USA

Window Film

NRM-PS2 (Frost)

Type

Decorative Film



SITUATION

The World Trade Center Atlanta is a prestigious private club and prominent meeting place for many international business people. Although its upscale lounge was often used for private functions, its clear glass entryway offered little privacy. Acid-etched glass was initially explored as a solution, but was quickly discarded on the grounds that it would be costly and disruptive to install.

SOLUTION

LLumar NRM-PS2 (Frost) film provides an expensive etched-glass appearance at a fraction of the price, and can be removed or replaced if future design changes require. Recommended by the building contractor, it was installed in less than a day with a customized linear motif that gave the entryway an aesthetic edge, while providing the needed discretion.

RESULT

World Trade Center members were impressed with the club's new look and added privacy, while facility management was impressed with the value and the quick, non-intrusive nature of the LLumar installation.

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 280-380nm)	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	-	-	-
Frost Series Privacy Series films come in a wide range of colors and are ideal for commercial interior glazing applications to achieve privacy or interior design goals.																
NRM-PS2 (Frost)	69	20	11	75	25	22	1.02	0.84	98	0.84	0.73	27	1.03	16	1	17

EASTMAN

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The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement as measured on single pane, 1/8 inch (3 mm), 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 reduce it. UV rays and heat are contributing factors to fading, but other factors exist. For further information, see LLumar.com/download-library. © 2016 Eastman Chemical Company. LLumar® and the LLumar® logo are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. As used herein, ® denotes registered trademark status in the U.S. only. (06/16) L1533