

CASE STUDY: Designed for privacy and light

Building

Ericsson Headquarters

Location

Plano, Texas, USA

Window Film

NRM-PS2 (Frost)

Type

Decorative Film



SITUATION

Wide-open spaces and rural park views characterize the North American headquarters of Ericsson in Plano, Texas. Ericsson wanted to maintain the open and contemporary atmosphere while providing privacy for its employees, and in conference and common areas. Enclosing spaces or replacing existing glass in the four-story office complex was not an option.

SOLUTION

LLumar NRM-PS2 frost window film features an attractive sandblasted appearance that delivers privacy without sacrificing light. It is constructed with a proprietary scratch-resistant face coating that allows for easy maintenance using standard window cleaning products. Over 20,000 square feet of film was installed on the glass of Ericsson's stairwells, access areas, conference rooms, common spaces, and office cubicles.

RESULT

The original glazing contractor recommended LLumar for its ability to deliver the aesthetics and privacy of sandblasted glass – at a fraction of the cost. In addition to these benefits, Ericsson gained the advantage of protection from potential injuries caused by glass breakage. If the glass is broken, LLumar film provides a sheath across the glass to which it is fitted so that most of the fragments are held in place.

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) L1483