

CASE STUDY: Custom designs... stunning effects

Building

Forum Palace Sports and Recreational Center

Location

Vilnius, Lithuania

Window Film

NRM-PS2 (Frost)

Type

Designer Film



SITUATION

The Forum Palace Sports and Recreational Center in Vilnius, Lithuania, is beautifully designed with dramatic, clear glass interior walls. The transparent walls provided an open and modern atmosphere for clients, but offered little privacy. Designers were tasked with enhancing privacy while maintaining the ambience. Each room required its own unique design and creative solution.

SOLUTION

LLumar NRM-PS2 frosted window film looks like sandblasted glass, but can be easily cut to any design, simple or intricate, and installed at a fraction of the cost of glass. The local LLumar dealer partnered with designers to create unique and eye-catching designs for each room, and completed the installation in less than two weeks.

RESULT

"Multilayer designs applied to both sides of the glass walls created a three-dimensional effect that made all the rooms unique and stunning," said architect Mr. Velerij Starkovskij. The owners of the Forum Palace agreed the solution surpassed their expectations. "This material can make a statement while still maintaining function," said General Manager Mr. Ronaldas Matiliauskas. "It's an inexpensive way to customize a large area."

Performance Data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorptance	% 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 Rejected	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
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

(800) 255-8627 • www.LLumar.com

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 (3mm), clear glass. All values averaged from routinely accumulated quality control data.

EASTMAN © 2014 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. Printed in U.S.A. (02/14)