CASE STUDY: Media giant beats heat and glare



Building

Work Point Entertainment

Location

Bangkok, Thailand

Window Film

R-20 SR CDF (Silver) N-1035B SR CDF (Bronze)

Type

Solar Control Film



SITUATION

WPE Plc. is the largest media/ entertainment company in Thailand, producing movies, television programs, news media, and animation graphics. The WPE building occupies an impressive 753,500 square feet (70,000 square meters). With 80% of the building's façade covered in glass, plus skylights in the atrium, workers inside were plagued with terribly uncomfortable heat and glare. The glass exterior also produced high energy bills, as air conditioning units ran constantly to cool the building.

SOLUTION

Frustrated with the unwanted heat and glare entering the building, the owners contacted the exclusive distributor of LLumar window film in Thailand to specify a film product that could alleviate the problems. After thorough consultation and analysis, the highest heat-rejection film, R-20 SR CDF, was installed on the external facade and another film. N-1035B SR CDF, was installed in the front lobby and the atrium.

RESULT

Building management reported that the project was conducted safely and professionally with little interruption to employees, who were able to continue their day-to-day operations during the installation. The owners loved the building's new exterior appearance, while employees were relieved to have a more comfortable work environment. "Everybody gave their 'thumbs up' to the project," said LLumar representative Jane Kannikar. "This was a winning solution for everyone."

Performance Data	. %	. % Bed	Abs	ma.	(ex.	(int	ž 5	8 8	28 28	ä	Sol	E %	Pad	88	% J	"Be
Reflective Series	Reflective films feature reflectance on both interiors and exteriors for superior reduction in summer cooling costs and heat retention in winter. Providing a high level of glare and heat control, they are scratch-resistant, shield >99% of ultraviolet rays, and provide excellent heat rejection.															
R-20 SR CDF (Silver)	11	57	32	15	62	63	0.90	0.22	>99	0.58	0.20	80	0.75	77	13	83
Neutral Series	Neutral films reduce glare, provide good heat rejection and are specified where a soft, neutral appearance is desired. These films are made with sputtered technology. Neutral films are scratch-resistant and shield 99% of UV rays.															
N-1035B SR CDF (Bronze)	26	37	37	37	26	23	0.92	0.41		0.61	0.36	64	1.03		12	

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