



SPECIALTY SERIES

Solar Control Films



HELP DEFEND AGAINST SUN DAMAGE WITH SPECIALTY WINDOW FILM FOR COMMERCIAL AND RESIDENTIAL SPACES

Interested in improving a commercial property's sun protection and comfort, but not in changing how it looks? Specialty solar films are designed for this exact situation.

Specialty solar films are:

- Practically invisible
- Enhance indoor comfort
- Maintain optically clear views
- Provides sun damage protection by blocking more than 99% of UV rays^{2,3}

BENEFITS AND SELECTION CRITERIA

- Shields >99% of UV radiation³
- Reduces hot spots helping to reduce HVAC use and lower energy costs
- Interior installation

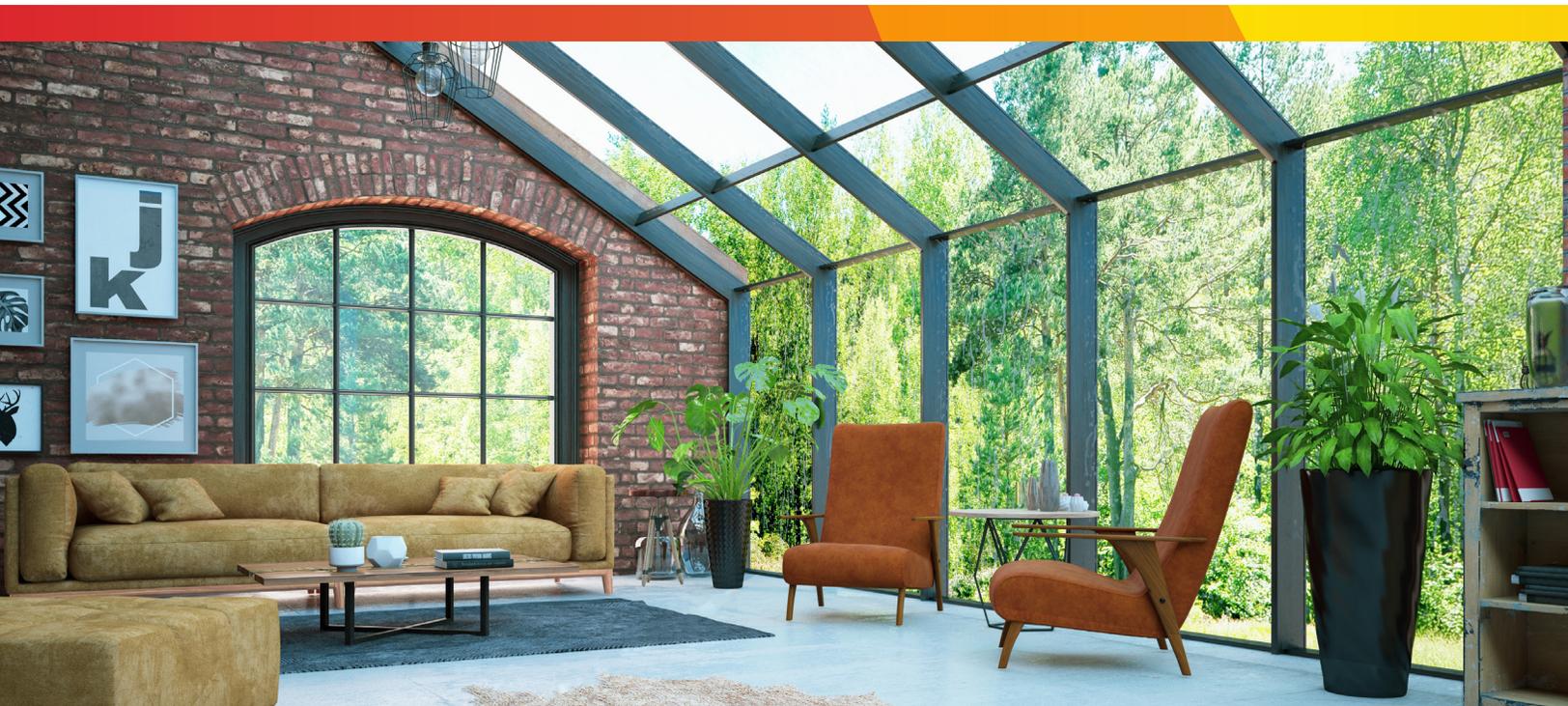
RECOMMENDED APPLICATIONS

- Public buildings
- Residential buildings
- Schools and universities
- Commercial offices
- Health care facilities
- Hotels

PERFORMANCE DATA

	Solar Energy Transmission	Solar Energy Reflection - Exterior	Solar Energy Absorption	Visible Light Transmission	Visible Light Reflection - Exterior	Visible Light Reflection - Interior	UV Transmission (wavelengths 300-380nm)	Shading Coefficient	Emissivity	U-Value (EN 673 W/m ² K)	Glare Reduction	Coefficient of Total Energy Transmission (g-value)	Total Solar Energy Rejected	Colour Rendering
AIR 75 (Single Pane)	56%	7%	37%	78%	8%	8%	<1%	0.74	0.89	5.91	13%	0.64	36%	97%
AIR 75 (Double Pane)	49%	13%	38%	71%	15%	13%	<1%	0.81	0.89	2.73	13%	0.71	29%	96%
AIR 80 (Single Pane)	44%	6%	50%	78%	8%	8%	<1%	0.64	0.90	5.91	14%	0.24	76%	93%
AIR 80 (Double Pane)	40%	12%	48%	71%	15%	13%	<1%	0.78	0.90	2.74	14%	0.56	44%	94%
AIR 90 (Single Pane)	65%	7%	28%	86%	9%	9%	<1%	0.82	0.90	5.92	5%	0.72	28%	98%
AIR 90 (Double Pane)	56%	13%	31%	78%	15%	15%	<1%	0.83	0.90	2.75	5%	0.72	28%	97%
AU 85 (Single Pane)	81%	8%	11%	89%	9%	9%	<1%	0.96	0.89	5.70	1%	0.83	17%	99%
AU 85 (Double Pane)	71%	14%	15%	81%	15%	16%	<1%	0.86	0.89	2.70	1%	0.75	25%	99%

The properties reported for LLumar architectural window films were calculated using EN410 methodology for film applied to single pane (4mm clear glass) and dual pane glazing (4mm clear glass panes, 16mm air space). Reported values were calculated from representative product samples. Actual performance may vary based on a number of factors, including glass properties, and standard manufacturing variances.



EASTMAN

¹Certain restrictions apply; see an authorised dealer for warranty details. ²Films do not eliminate fading; they help reduce it. UV rays and heat are contributing factors to fading, but other factors exist. ³300-380nm. ©2024 Eastman Performance Films, LLC. All rights reserved. No liability is accepted for errors. Visual renderings are for illustrative purposes only; actual appearance of windows treated with film may vary. 04/24