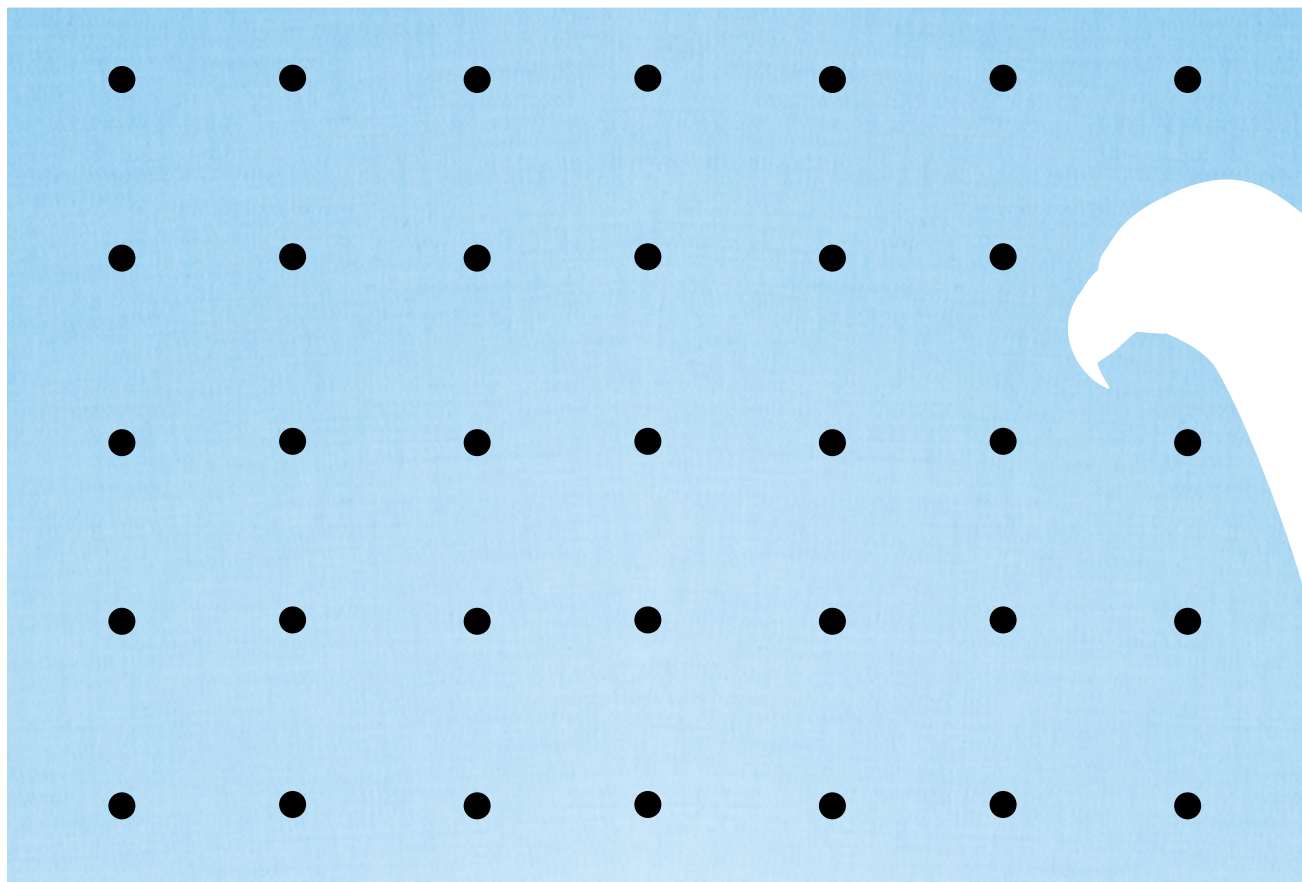


Solar Gard® WingSafe™ Black Dot




PERFORMANCE RESULTS				1/8" (3mm)1/4" (6mm)1/4"+1/4" (6mm+6mm)		
VISIBLE LIGHT				THERMAL ENERGY		
Transmittance %	89	87	78	Emissivity	.92	.92
Reflectance exterior %	10	10	16	Winter U-Factor (BTU hr/ft² °F)	1.04	1.03
Reflectance interior %	10	10	16			.47
Glare reduction %	1	1	1	FADE CONTROL		
SOLAR ENERGY				UV Tdw-ISO @ 300 to 700 nm %	61	60
Total solar energy rejected %	17	21	32	Fade reduction %	28	27
Solar heat gain coefficient	.83	.79	.68	Ultraviolet light blocked @ 300 to 380 nm %	>99	>99
ENERGY DISTRIBUTION				All performance results are based on the film installed on the inside surface of 1/8" (3mm), 1/4" (6mm) 1/4"+1/4" (6mm+6mm) thick, clear glass.		
Transmittance %	79	74	58	PHYSICAL PROPERTIES NOMINAL		
Absorptance %	12	18	29	Gauge	2.0 mil (50 micron)	
Reflectance %	9	8	13			

Notes

- Performance results are calculated using NFRC methodology and LBNL Window software, and are subject to variations within industry standards and only intended for estimating purposes. This data is provided for informational purposes only and are subject to normal manufacturing variances.
- Performance results for glare and fade reduction are calculated by comparing filmed glass to that of untreated glazing.



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Creating a safer flight path for birds.

Every year hundreds of millions of birds around the world die from colliding with windows and glass facades. This issue is a serious concern for nature conservation, as it impacts bird populations and biodiversity.

WingSafe Bird Protection Film from Solar Gard allows building owners and property managers to cost-effectively distinguish their glass to birds, preventing deadly collisions and promoting sustainability.

WingSafe Black Dot is an approved solution and proud to hold a Threat Factor (TF) rating of 4 from the American Bird Conservancy, one of the world's leading organizations focused on bird conservation action and advocacy.



TF = 4
THREAT FACTOR

