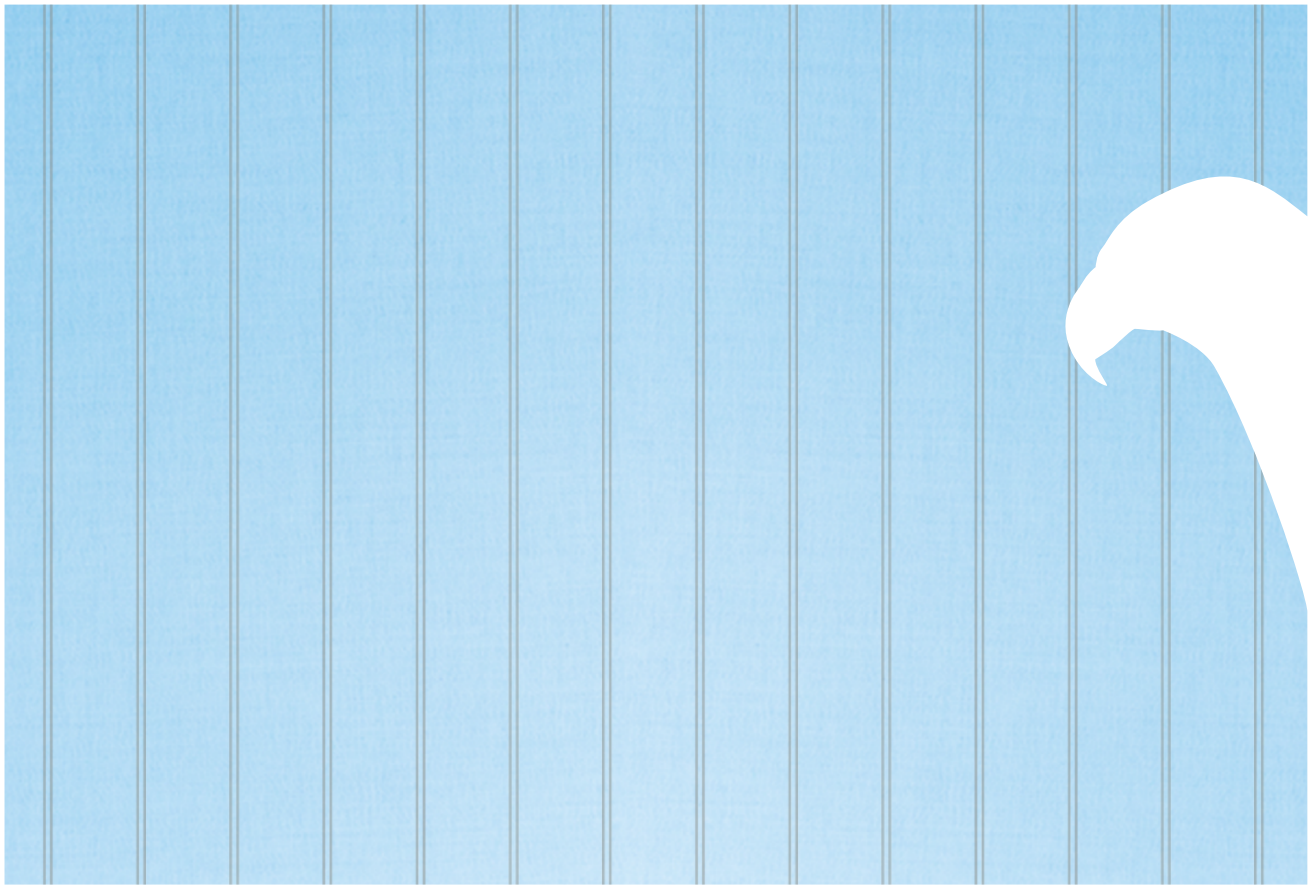
Solar Gard® WingSafe™ Vertical



PERFORMANCE RESULTS	1/8" (3mm)	1/4" (6mm)	1/4"+1/4" (6mm+6mm)
VISIBLE LIGHT			
Transmittance %	88	86	77
Reflectance exterior %	10	10	16
Reflectance interior %	10	10	16
Glare reduction %	2	2	2
SOLAR ENERGY			
Total solar energy rejected %	18	22	33
Solar heat gain coefficient	.82	.78	.67
ENERGY DISTRIBUTION			
Transmittance %	78	72	57
Absorptance %	13	20	30
Reflectance %	9	8	13

	1/8" (3mm)	1/4" (6mm)	1/4"+1/4" (6mm+6mm)
THERMAL ENERGY			
Emissivity	.95	.95	.95
Winter U-Factor (BTU hr/ft² °F)	1.04	1.02	.47
FADE CONTROL			
UV Tdw-ISO @ 300 to 700 nm %	64	63	56
Fade reduction %	25	23	20
Ultraviolet light blocked @ 300 to 380 nm %	>99	>99	>99

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.

PHYSICAL PROPERTIES NOMINAL

Gauge	4.0 mil (100 micron)

Notes

1. 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.
2. Performance results for glare and fade reduction are calculated by comparing filmed glass to that of untreated glazing.

American Bird Conservancy

www.solargard.com/WingSafe

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Please recycle

SAINT-GOBAIN

WingSafe™

BIRD PROTECTION FILM

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 Vertical is an approved solution and proud to hold a Threat Factor (TF) rating of 20 from the American Bird Conservancy, one of the world's leading organizations focused on bird conservation action and advocacy.

American Bird Conservancy

TF = 20

THREAT FACTOR

Solar Gard®

SAINT-GOBAIN