

Prestige Spectra Photosync™ Adaptive Window Film

Window Film

Technical Data

General Description

Spectra Photosync™ is the most advanced high end window film created by Prestige. Photosync™ utilizes the latest in our Solar Adaptive Coating (SAC), so the film can adjust its shade/VLT by up to 11%, based on solar intensity. Once activated to its full potential, the Solar Adaptive and IR Coatings will achieve IR rejection of up to 98.5%, for an unmatched performance in heat rejection. Similar to all of Prestige's high end luxury window film, Photosync™ contains a zero metals composition which will not interfere with modern technology found in cars today, such as GPS, cellular signals, radio frequencies, or keyless entry signals. Photosync™ comes in shades of 75%, 65%, 55%, and 45% VLT.

General Warranty

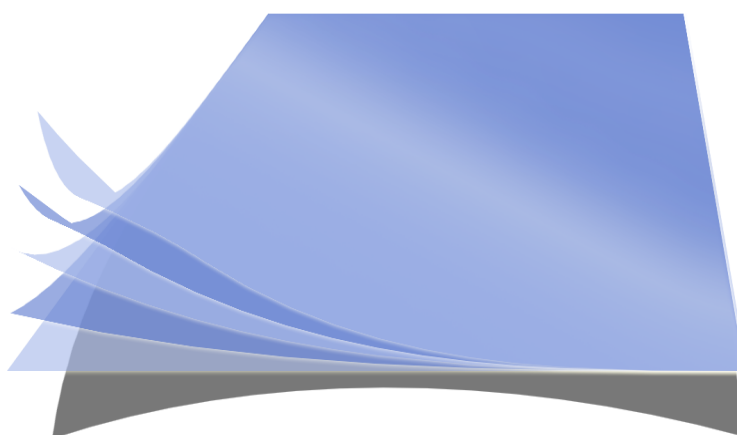
Prestige Spectra Photosync™ comes with a non-transferable Lifetime Warranty from material defects in manufacturing, bubbling from adhesive failure, purpling, and cracking from UV exposure. This Warranty does not imply coverage for improper application, misuse, physical impact, exposure to abrasives, polishes, solvents, corrosive chemicals, or general wear. Warranty is 1) valid for only the original registered owner, 2) non-transferable, and 3) begins from the original date of purchase.

Film Construction

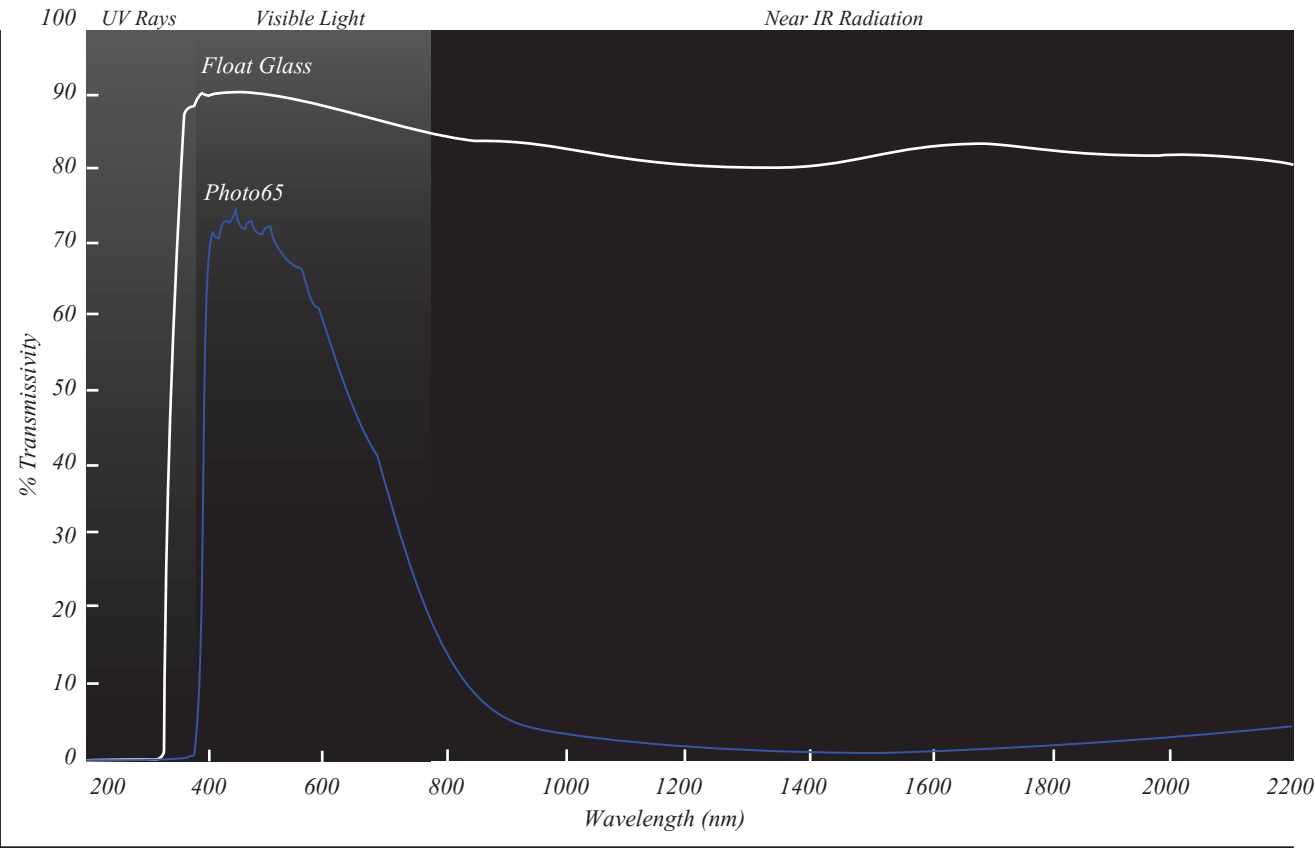


Spectra Photosync™

SR Coating _____
Nano IR Coating _____
SAC Coating _____
P.E.T. Urethane _____
Pressure Sensitive Adhesive _____
Release Liner _____



Solar Spectrum Chart



UV Radiation Rejection Chart

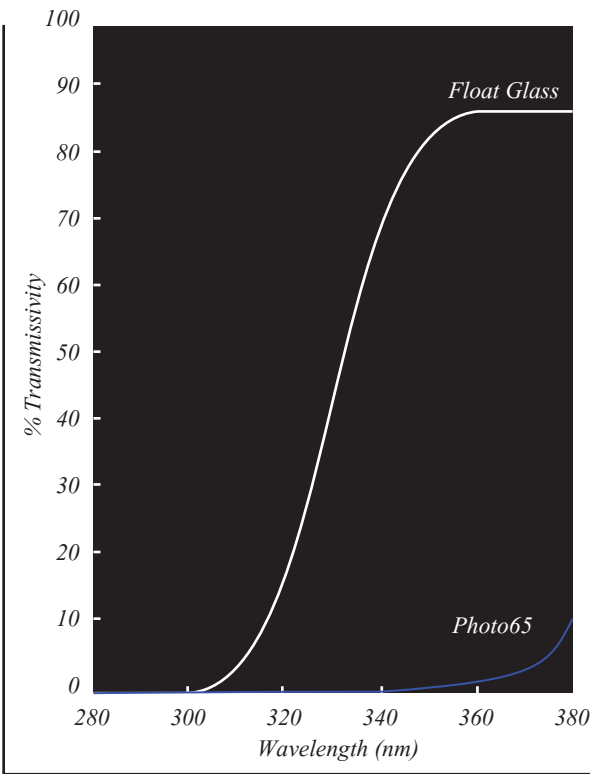
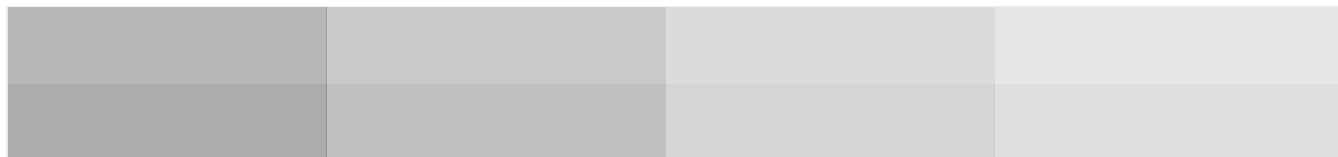


Photo65 rejects more than 99% of UV radiation.
Measurement Range: 280-380 nm
3mm float glass with Photo65.



Properties	Photo45	Photo55	Photo65	Photo75
Visible Light Transmitted (VLT)	45%	55%	64%	75.6%
Visible Light Transmitted (VLT) after SAC Activation	35%	45%	54%	70%
Visible Light Reflected	8%	8%	8.5%	8.8%
Visible Light Reflected after SAC Activation	7.5%	7.5%	8%	8.3%
U.V. Rejection	99.5%	99.5%	99.5%	99.5%
Total Solar Energy Rejected	60%	59.3%	57.9%	53.5%
Total Solar Energy Rejected after SAC Activation	64.9%	64%	63.8%	61.3%
IR Rejection	87.5%	88.5%	87%	80%
Max IR Rejection after SAC Activation	97.5%	98.5%	98.5%	88%
Size(s) Available	30" X 100', 60" x 100'			
Color Characteristic	Light Blue			
Installation Type	Heat Shrink / Wet Application			

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**Prestige Film Technologies are continuously improving our products and reserve the right to make alterations to specifications without notice.



www.Prestige-Films.com