



SILVER FILM



HanitaTek
Window Films

SILVER FILM



HIGH-EFFICIENCY FILMS FOR COMMERCIAL APPLICATIONS

SolarZone's™ classic line of Silver films provides maximum efficiency at competitive prices. Silver films offer high solar reflectance, impressive solar-energy rejection, and up to 99% UV block, making them some of the most cost-effective window films available.

Silver films are the popular choice for commercial projects when the customer is looking for a strong visual statement, effective heat rejection, and the quickest return on investment.

Available in 20%, 35% and 50% light transmission, SolarZone's Silver films can be supplied with either PS or WA adhesives. We also offer Silver films combined with matte films for two-way privacy; or with safety/security films for increased protection from broken glass. Silver films are also available in 20, 35 and 60 VLT with special scratch resistant coating for outdoor applications.

SILVER FILMS: THE RIGHT CHOICE FOR COMMERCIAL CUSTOMERS

- Excellent solar-heat & glare rejection
- Up to 99% UV rejection
- High-tech exterior appearance
- High value—best ROI
- Daytime privacy
- Low solar absorption—suitable for double glazing

S O L A R Z O N E

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SOLARZONE™

Optical & Solar Properties	Silver 20	Silver 35	Silver 50	Silver/Bronze 15	Matte Silver 20
Visible Light Transmitted	17%	31%	46%	13%	15%
Total Solar Energy Reflected	52%	41%	29%	31%	58%
Total Solar Energy Absorbed	34%	36%	38%	55%	30%
Total Solar Energy Transmitted	14%	23%	33%	14%	12%
Visible Light Reflected - Exterior	55%	42%	27%	18%	56%
Visible Light Reflected - Interior	60%	45%	30%	46%	N/A
U-Value	0.87	0.89	0.94	0.89	0.87
UV Radiation Rejected	99%	99%	95%	99%	97%
Shading Coefficient	0.27	0.37	0.50	0.33	0.24
Solar Heat Gain Coefficient	0.23	0.32	0.44	0.29	0.21
Emissivity	0.67	0.70	0.74	0.68	0.67
Total Solar Energy Rejected	77%	67%	55%	71%	78%

SAFETYZONE™

Optical & Solar Properties	4 Mil Silver 20	9 Mil Silver 20	12 Mil Silver 20
Visible Light Transmitted	17%	17%	15%
Visible Light Reflected	51%	50%	54%
UV Radiation Rejected	99%	99%	99%
Total Solar Energy Reflected	48%	49%	52%
Total Solar Energy Transmitted	12%	11%	12%
Total Solar Energy Absorbed	40%	40%	34%
Shading Coefficient	0.26	0.25	0.25
Total Solar Energy Rejected	78%	78%	79%

All solar performance data is based on film being applied to the inside of 1/4 inch clear monolithic annealed glass. All data reported has been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. The data is subject to variations within accepted industry standards.

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