



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

Silver Films

High-Efficiency Films
for Commercial
Applications

Optical and Solar Properties:	Silver 20	Silver 35	Silver 50	Silver Bronze 15
Visible Light Transmitted	18%	34%	50%	18%
Visible Light Reflected, interior	62%	41%	23%	40%
Visible Light Reflected, exterior	61%	42%	24%	15%
Ultra Violet Block	99%	99%	98%	99%
Total Solar Energy Reflected	55%	39%	24%	28%
Total Solar Energy Transmitted	13%	25%	39%	18%
Total Solar Energy Absorbed	32%	36%	37%	54%
Glare Reduction	80%	63%	44%	80%
Shading Coefficient	0.25	0.40	0.59	0.41
Solar Heat Gain Coefficient-G-value	0.22	0.35	0.50	0.35
U-Value (Winter)	0.97	0.98	1.03	1.00
Emissivity	0.71	0.72	0.81	0.76
Total Solar Energy Rejected	78%	65%	50%	65%
Item Number	R06922W	R06934W	R05850S	R05801S
Optical and Solar Properties:	Silver Matte 20	4 mil Silver 20	9 mil Silver 20	12 mil Silver 20
Visible Light Transmitted	19%	19%	20%	18%
Visible Light Reflected, interior	55%	61%	61%	62%
Visible Light Reflected, exterior	56%	60%	57%	61%
Ultra Violet Block	99%	99%	99%	99%
Total Solar Energy Reflected	50%	53%	50%	53%
Total Solar Energy Transmitted	14%	14%	15%	13%
Total Solar Energy Absorbed	36%	33%	35%	34%
Glare Reduction	79%	79%	78%	81%
Shading Coefficient	0.29	0.27	0.30	0.27
Solar Heat Gain Coefficient-G-value	0.25	0.23	0.25	0.23
U-Value (Winter)	0.99	0.99	1.08	1.06
Emissivity	0.73	0.74	0.91	0.88
Total Solar Energy Rejected	75%	77%	75%	77%
Item Number	R06920	R12122T	R24603T	R32122T

Performance results are calculated on 3mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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