



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 FILM



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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