



# SOLAR BRONZE



HanitaTek  
Window Films

SOLAR BRONZE

## HIGH-PERFORMANCE SOLAR-CONTROL FILMS

SolarZone's™ Solar Bronze films cast a warm coppery glow that complements natural surroundings, yet adds sophistication. Solar Bronze films combine high heat reduction with a proportionally higher percentage of natural light than many other reflective films, so they're an attractive choice for both residential and commercial projects.

Constructed from sputtered copper, Solar Bronze hinders the transfer of electromagnetic radiation in the Radio Frequency range. This not only helps prevent system damage from incoming EM/RF interference, but also checks breaches in security caused by illicit reading of signals.

Solar Bronze is available in 20%, 35% and 50% light transmission, with a PS adhesive system, and a special version modified for exterior (outdoor) installation.

## SOLAR BRONZE FILMS: THE NATURAL CHOICE

- Excellent heat rejection
- Up to 99% UV rejection
- Attractive bronze appearance
- Daytime privacy
- Reduced EMI/RFI
- Low solar-energy absorption—suitable for double glazing
- Available in 20% VLT for exterior applications



S O L A R Z O N E

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## SOLARZONE™

Optical & Solar Properties	Solar Bronze 20	Solar Bronze 35	Solar Bronze 50
Visible Light Transmitted	20%	35%	50%
<b>Total Solar Energy Reflected</b>	<b>45%</b>	<b>36%</b>	<b>22%</b>
Total Solar Energy Absorbed	42%	39%	43%
<b>Total Solar Energy Transmitted</b>	<b>13%</b>	<b>25%</b>	<b>35%</b>
Visible Light Reflected - Exterior	36%	26%	17%
<b>Visible Light Reflected - Interior</b>	<b>41%</b>	<b>32%</b>	<b>21%</b>
UV Radiation Rejected	99%	97%	97%
<b>Shading Coefficient</b>	<b>0.27</b>	<b>0.39</b>	<b>0.53</b>
Emissivity	0.54	0.69	0.75
<b>Total Solar Energy Rejected</b>	<b>77%</b>	<b>65%</b>	<b>54%</b>

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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