



# OPTITUNE



HanitaTek  
Window Films

OPTITUNE



## SOLAR-CONTROL FILM OPTICALLY FINE-TUNED FOR OPTIMUM PERFORMANCE

Our customers told us they wanted a window film for home or business applications that would make a difference without being noticed.

A film that would cast a warm ambience, yet keep the surroundings cool, comfortable and glare free.

A film that could help prevent furnishings from fading during the day, but with limited reflectance at night.

We listened. At 72" wide, OptiTune, SolarZone's™ line of dual-reflectance solar-control films, is ideal for both residential use and large commercial projects, and is available in 5%, 15%, 22%, 30%, 40%, and 55% VLT with water-activated adhesive.

## OPTITUNE: THE IDEAL SOLUTION FOR RESIDENTIAL & COMMERCIAL INSTALLATIONS

- Warm neutral interior appearance
- Sophisticated external appearance
- Low interior reflectance
- High solar-energy rejection
- Suitable for installation on clear double glazing
- 99% block of harmful UV rays that fade furnishings and threaten health
- Alleviates eyestrain by reducing up to 94% of glare

S O L A R Z O N E

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## SOLARZONE™

Optical & Solar Properties	OptiTune 05	OptiTune 15	OptiTune 22	OptiTune 30	OptiTune 40	OptiTune 55
Visible Light Transmitted	5%	12%	22%	31%	40%	53%
<b>Total Solar Energy Reflected</b>	<b>55%</b>	<b>52%</b>	<b>34%</b>	<b>30%</b>	<b>22%</b>	<b>14%</b>
Total Solar Energy Absorbed	38%	38%	45%	45%	45%	39%
<b>Total Solar Energy Transmitted</b>	<b>6%</b>	<b>10%</b>	<b>21%</b>	<b>25%</b>	<b>33%</b>	<b>47%</b>
Visible Light Reflected - Exterior	58%	50%	32%	28%	20%	12%
<b>Visible Light Reflected - Interior</b>	<b>18%</b>	<b>25%</b>	<b>16%</b>	<b>19%</b>	<b>15%</b>	<b>10%</b>
U-Value	0.87	0.93	0.93	0.97	0.98	1.03
<b>UV Radiation Rejected</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>
Shading Coefficient	0.18	0.25	0.38	0.42	0.52	0.64
<b>Solar Heat Gain Coefficient</b>	<b>0.16</b>	<b>0.22</b>	<b>0.33</b>	<b>0.30</b>	<b>0.45</b>	<b>0.56</b>
Emissivity	0.68	0.79	0.76	0.81	0.84	0.85
<b>Total Solar Energy Rejected</b>	<b>85%</b>	<b>80%</b>	<b>68%</b>	<b>64%</b>	<b>55%</b>	<b>42%</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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