

Solar Gard® Solar Control Window Films

# Sentinel™ Plus Stainless Steel 25



## Performance Results

4 mm      4/12/4 mm

### Visible Light

TR (%)	Transmittance	24	22
Re/Ri (%)	Reflectance Exterior/Interior	28/26	29/30
GL (%)	Glare Reduction	74	73

### Solar Energy

TR (%)	Transmittance	22	18
A (%)	Absorptance	51	55
R (%)	Reflectance	27	27
IR (%)	IR Rejection 780 to 2500nm	86	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,44	0,33
G	Solar Heat Gain Coefficient (G-value)	0,37	0,28
SSI	Solar Selectivity Index (VLT/SHGC)	0,54	0,66
TSER (%)	Total Solar Energy Rejected	63	72
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	69	-
SHGR (%)	Solar Heat Gain Reduction	56	62

E	Emissivity	0,86	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,88	2,72
U Red (%)	Winter Heat Loss Reduction	-	-
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	8	15
FR (%)	Fade Reduction Factor	81	80

## Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	50/75
TS - kg/cm²	Tensile strength	2100 kg
EPD	Environmental Product Declaration	YES