



Solar Gard® Solar Control Window Films

# Sterling 60

## Performance Results

4 mm      4/12/4 mm

### Visible Light

TR (%)	Transmittance	63	57
Re/Ri (%)	Reflectance Exterior/Interior	17/16	22/19
GL (%)	Glare Reduction	30	29

### Solar Energy

TR (%)	Transmittance	48	40
A (%)	Absorptance	29	38
R (%)	Reflectance	23	22
IR (%)	IR Rejection 780 to 2500nm	70	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,65	0,66
G	Solar Heat Gain Coefficient (G-value)	0,56	0,57
SSI	Solar Selectivity Index (VLT/SHGC)	0,97	0,87
TSER (%)	Total Solar Energy Rejected	44	43
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	51	-
SHGR (%)	Solar Heat Gain Reduction	34	23

E	Emissivity	0,78	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,70	2,67
U Red (%)	Winter Heat Loss Reduction	4	2
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	45	41
FR (%)	Fade Reduction Factor	47	45

## Physical Properties

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

