

Solar Gard® Solar Control Window Films

Stainless Steel 30

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	34	31
Re/Ri (%)	Reflectance Exterior/Interior	20/17	25/18
GL (%)	Glare Reduction	62	62

Solar Energy

TR (%)	Transmittance	30	25
A (%)	Absorptance	54	56
R (%)	Reflectance	16	19
IR (%)	IR Rejection 780 to 2500nm	69	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,54	0,63
G	Solar Heat Gain Coefficient (G-value)	0,46	0,54
SSI	Solar Selectivity Index (VLT/SHGC)	0,63	0,48
TSER (%)	Total Solar Energy Rejected	54	46
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	60	-
SHGR (%)	Solar Heat Gain Reduction	45	26

E	Emissivity	0,86	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,93	2,73
U Red (%)	Winter Heat Loss Reduction	-1	-
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	24	22
FR (%)	Fade Reduction Factor	72	70

Physical Properties

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