

Solar Gard® Solar Control Window Films

Stainless Steel 10

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	9	8
Re/Ri (%)	Reflectance Exterior/Interior	43/42	43/42
GL (%)	Glare Reduction	90	90

Solar Energy

TR (%)	Transmittance	9	7
A (%)	Absorptance	56	61
R (%)	Reflectance	35	32
IR (%)	IR Rejection 780 to 2500nm	90	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,30	0,45
G	Solar Heat Gain Coefficient (G-value)	0,25	0,38
SSI	Solar Selectivity Index (VLT/SHGC)	0,31	0,19
TSER (%)	Total Solar Energy Rejected	75	62
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	81	-
SHGR (%)	Solar Heat Gain Reduction	70	48

E	Emissivity	0,79	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,72	2,67
U Red (%)	Winter Heat Loss Reduction	2	1
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	6	6
FR (%)	Fade Reduction Factor	93	92

Physical Properties

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