

Solar Gard® Solar Control Window Films

Solar Bronze 35

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	35	32
Re/Ri (%)	Reflectance Exterior/Interior	29/27	32/29
GL (%)	Glare Reduction	61	61

Solar Energy

TR (%)	Transmittance	20	18
A (%)	Absorptance	39	47
R (%)	Reflectance	41	35
IR (%)	IR Rejection 780 to 2500nm	92	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,36	0,45
G	Solar Heat Gain Coefficient (G-value)	0,31	0,39
SSI	Solar Selectivity Index (VLT/SHGC)	0,97	0,70
TSER (%)	Total Solar Energy Rejected	69	61
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	74	-
SHGR (%)	Solar Heat Gain Reduction	64	47

E	Emissivity	0,68	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,39	2,58
U Red (%)	Winter Heat Loss Reduction	7	4
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	21	19
FR (%)	Fade Reduction Factor	75	74

Physical Properties

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