

Solar Gard® Solar Control Window Films

Silver 35

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	34	32
Re/Ri (%)	Reflectance Exterior/Interior	38/36	40/37
GL (%)	Glare Reduction	62	61

Solar Energy

TR (%)	Transmittance	25	21
A (%)	Absorptance	40	47
R (%)	Reflectance	35	32
IR (%)	IR Rejection 780 to 2500nm	86	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,42	0,50
G	Solar Heat Gain Coefficient (G-value)	0,36	0,43
SSI	Solar Selectivity Index (VLT/SHGC)	0,82	0,63
TSER (%)	Total Solar Energy Rejected	64	57
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	69	-
SHGR (%)	Solar Heat Gain Reduction	58	42

E	Emissivity	0,73	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,54	2,63
U Red (%)	Winter Heat Loss Reduction	5	3
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	28	26
FR (%)	Fade Reduction Factor	67	65

Physical Properties

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