

Solar Gard® Solar Control Window Films

White Opaque

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	9	9
Re/Ri (%)	Reflectance Exterior/Interior	70/84	68/84
GL (%)	Glare Reduction	90	89

Solar Energy

TR (%)	Transmittance	14	12
A (%)	Absorptance	33	42
R (%)	Reflectance	53	46
IR (%)	IR Rejection 780 to 2500nm	-	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,28	0,36
G	Solar Heat Gain Coefficient (G-value)	0,24	0,31
SSI	Solar Selectivity Index (VLT/SHGC)	0,33	0,24
TSER (%)	Total Solar Energy Rejected	76	69
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	-	-
SHGR (%)	Solar Heat Gain Reduction	72	58

E	Emissivity	0,88	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,99	2,74
U Red (%)	Winter Heat Loss Reduction	-	-
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	7	6
FR (%)	Fade Reduction Factor	92	92

Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	50/75
TS - kg/cm²	Tensile strength	2100 kg