

Solar Gard® Solar Control Window Films

TrueVue™ 5

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	5	5
Re/Ri (%)	Reflectance Exterior/Interior	45/8	46/8
GL (%)	Glare Reduction	94	94

Solar Energy

TR (%)	Transmittance	6	5
A (%)	Absorptance	45	54
R (%)	Reflectance	49	41
IR (%)	IR Rejection 780 to 2500nm	96	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,22	0,36
G	Solar Heat Gain Coefficient (G-value)	0,18	0,31
SSI	Solar Selectivity Index (VLT/SHGC)	0,28	0,13
TSER (%)	Total Solar Energy Rejected	82	69
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	85	-
SHGR (%)	Solar Heat Gain Reduction	78	59

E	Emissivity	0,75	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,60	2,64
U Red (%)	Winter Heat Loss Reduction	4	2
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	5	4
FR (%)	Fade Reduction Factor	94	95

Physical Properties

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