

Solar Gard® Solar Control Window Films

TrueVue™ 40

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	39	35
Re/Ri (%)	Reflectance Exterior/Interior	14/10	20/11
GL (%)	Glare Reduction	56	56

Solar Energy

TR (%)	Transmittance	37	30
A (%)	Absorptance	42	49
R (%)	Reflectance	21	21
IR (%)	IR Rejection 780 to 2500nm	70	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,56	0,62
G	Solar Heat Gain Coefficient (G-value)	0,49	0,54
SSI	Solar Selectivity Index (VLT/SHGC)	0,69	0,57
TSER (%)	Total Solar Energy Rejected	51	46
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	59	-
SHGR (%)	Solar Heat Gain Reduction	42	27

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	28	25
FR (%)	Fade Reduction Factor	67	66

Physical Properties

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