

Solar Gard® Solar Control Window Films

TrueVue™ 30

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	31	39
Re/Ri (%)	Reflectance Exterior/Interior	43/30	27/14
GL (%)	Glare Reduction	65	65

Solar Energy

TR (%)	Transmittance	27	22
A (%)	Absorptance	43	51
R (%)	Reflectance	30	27
IR (%)	IR Rejection 780 to 2500nm	82	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,45	0,54
G	Solar Heat Gain Coefficient (G-value)	0,39	0,46
SSI	Solar Selectivity Index (VLT/SHGC)	0,69	0,53
TSER (%)	Total Solar Energy Rejected	61	54
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	67	-
SHGR (%)	Solar Heat Gain Reduction	54	37

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	23	21
FR (%)	Fade Reduction Factor	73	72

Physical Properties

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