Solar Gard® Solar Control Window Films

TrueVue™ 15

Performance Results

		4 mm	4/12/4 mm
Visible Light			
TR (%)	Transmittance	12	11
Re/Ri (%)	Reflectance Exterior/Interior	45/23	46/23
GL (%)	Glare Reduction	86	86
Solar Energy			
TR (%)	Transmittance	9	8
A (%)	Absorptance	42	51
R (%)	Reflectance	49	41
IR (%)	IR Rejection 780 to 2500nm	95	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,24	0,37
G	Solar Heat Gain Coefficient (G-value)	0,21	0,32
SSI	Solar Selectivity Index (VLT/SHGC)	0,50	0,30
TSER (%)	Total Solar Energy Rejected	79	68
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	83	-
SHGR (%)	Solar Heat Gain Reduction	76	57
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	10	9
FR (%)	Fade Reduction Factor	88	88

Physical Properties

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

SKEX0310ARCH-INT 03/15 • © Copyright 2015, Saint-Gobain Solar Gard and/or its affiliates • All Rights Reserved • www.solargard.com