

Solar Gard® Solar Control Window Films

# Stainless Steel 35

## Performance Results

4 mm      4/12/4 mm

### Visible Light

TR (%)	Transmittance	42	38
Re/Ri (%)	Reflectance Exterior/Interior	15/13	21/14
GL (%)	Glare Reduction	53	53

### Solar Energy

TR (%)	Transmittance	38	31
A (%)	Absorptance	49	53
R (%)	Reflectance	13	16
IR (%)	IR Rejection 780 to 2500nm	60	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,61	0,68
G	Solar Heat Gain Coefficient (G-value)	0,53	0,59
SSI	Solar Selectivity Index (VLT/SHGC)	0,69	0,56
TSER (%)	Total Solar Energy Rejected	47	41
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	56	-
SHGR (%)	Solar Heat Gain Reduction	37	21

E	Emissivity	0,88	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,99	2,74
U Red (%)	Winter Heat Loss Reduction	-2	-1
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	29	26
FR (%)	Fade Reduction Factor	66	65

## Physical Properties

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