

Solar Gard® Solar Control Window Films

# Solar Bronze 20

## Performance Results

4 mm      4/12/4 mm

### Visible Light

TR (%)	Transmittance	22	20
Re/Ri (%)	Reflectance Exterior/Interior	37/36	39/37
GL (%)	Glare Reduction	76	75

### Solar Energy

TR (%)	Transmittance	12	10
A (%)	Absorptance	41	51
R (%)	Reflectance	47	39
IR (%)	IR Rejection 780 to 2500nm	96	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,27	0,39
G	Solar Heat Gain Coefficient (G-value)	0,23	0,33
SSI	Solar Selectivity Index (VLT/SHGC)	0,82	0,52
TSER (%)	Total Solar Energy Rejected	77	67
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	81	-
SHGR (%)	Solar Heat Gain Reduction	73	55

E	Emissivity	0,66	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,33	2,57
U Red (%)	Winter Heat Loss Reduction	9	5
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	13	12
FR (%)	Fade Reduction Factor	85	84

## Physical Properties

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