

Performance Data

Total Solar Energy Rejected : The total amount of solar energy reflected plus the re-radiated absorbed solar energy to the outside of the building

Solar Energy Reflected : Amount of solar energy in the complete solar wavelength range which is directly reflected by the glazing system to the outside

Solar Energy Absorbed : Amount of solar energy in the complete solar wavelength range which is directly absorbed by the glazing system, transformed into heat

Solar Energy Transmitted : Amount of solar energy in the complete solar wavelength range which passes directly through the glazing system

Visible Light Transmitted : Amount of visible light energy which passes through the glazing system

Visible Light Reflected : Amount of visible light energy which is reflected by the glazing system

Ultra Violet Light Rejected : Amount of ultra violet energy which is prevented from passing through a glazing system

Shading Coefficient (b Value) : Ratio of solar heat gain through a filmed glazing system compared to glazing with no film. The lower the shading coefficient, the more efficient the system

Solar Heat Gain Coeff. (g Value) : Measure of total solar energy transmission combined with absorbed solar energy re-radiated into the room

Emissivity : Measure of the films ability to absorb and re-emit long-wave room radiant energy. The lower the figure, the better for retaining a room's heat

Glare Reduction : Amount of internal glare reduction achieved by films ability to reduce visible light transmitted by the glazing system