



 **Configuration**

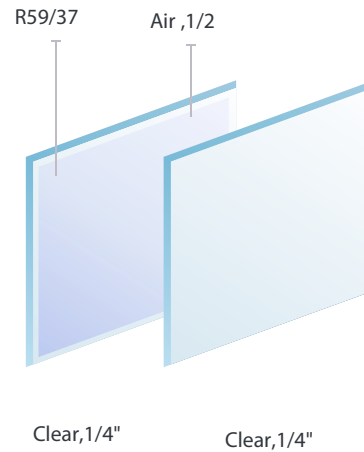
**R59/37**

1/4" Clear

R59/37 Surface 2

1/2" Air

1/4" Clear



 **Performance**

Visible transmittance %	57	Solar heat gain coefficient (shgc)	0.36
Exterior visible reflectance %	29	U-Value (Winter W/m <sup>2</sup> *k)	1.66
Interior visible reflectance %	22	U-Value (Summer W/m <sup>2</sup> *k)	1.56
Solar exterior reflectance %	40	U-Value (Winter BTU/h*ft <sup>2</sup> *f)	0.29
Solar transmittance %	31	U-Value (Summer BTU/h*ft <sup>2</sup> *f)	0.27
Shading coefficient (sc)	0.41	Light to Solar Gain (LSG)	1.58

The results represent Center-of-Glass performance data based on NFRC 100 Environmental Design Conditions utilizing the LBNL Window 7.3 software program. Performance data is based on representative samples of factory production. Actual values may vary slightly due to variations in the production process. This data is to be used for comparison purposes and should not be considered a contract. It is the recipient's responsibility to ensure the manufacturability of the above glazing configurations as well as evaluating appropriate design considerations such as wind and snow load analysis, thermal stress analysis, and local building code compliance. TecnoGlass recommends that a full size mock-up be reviewed under the specific job-site conditions and retain the mock-up as a basis of acceptable product.

Note: Be aware that laminated glazing constructions may have increased optical distortion and/or strain iridescence from stacked multiple individual layers especially when the glass lites are heat treated. In addition transmitted and reflective color differences can occur when a low-e or reflective coating is located adjacent to the interlayer material. A coating facing an airspace in an IG unit may appear a different color than the same coating in a laminate.