

## Alsysco Thermeco Wall PG50 Sample

Aluminium Frame

1000 mm W x 2000 mm H

Glass Name: BPGN140124 SolarVue HL Neutral LowE[E] - 12 Air - 6mm Clear Float (ClearVu)

Glass IGDB: 16003E-12-16017

Spacer: Generic Nonmetal Spacer

### WINDOW ENERGY PERFORMANCE RATINGS

U-Factor (W/m <sup>2</sup> K)	Light to Solar Ratio
<b>2.3</b>	<b>1.08</b>
Solar Heat Gain Coefficient	Visual Transmittance
<b>0.33</b>	<b>0.35</b>
Relative Heat Gain- SA Summer (W/m <sup>2</sup> )	Solar & UV Damage - Tdw-ISO
<b>235</b> + <b>18</b> = <b>253</b> (SHGC) (U-Value)	<b>0.28</b>

### GLASS TEMPERATURES – CLEAR SA WINTER NIGHT

Outside Air (°C)	Outside Surface (°C)	Inside Surface (°C)	Inside Air (°C)
<b>0.0</b>	<b>1.3</b>	<b>15.5</b>	<b>21.0</b>

### GLASS TEMPERATURES – CLEAR SA SUMMER DAY

Outside Air (°C)	Outside Surface (°C)	Inside Surface (°C)	Inside Air (°C)
<b>32.0</b>	<b>50.7</b>	<b>35.0</b>	<b>24.0</b>

### GLASS COLOUR PERFORMANCE

Colour Rendering Index	Listed Glass Colour
<b>94</b>	<b>N/A</b>

**Please see the BuildingPhysics Information Sheet for further details.  
See AAAMSA Certificates for SANS613 Mechanical Data.**

For BuildingPhysics South Africa :

Simulated by :



**Robert T Arnott** BEng Mech  
Simulation Engineer

Reviewed by :



**Michael Barker** BSc ElecEng  
Project Manager

Based on data supplied by Manufacturer. BuildingPhysics take no responsibility for errors and omissions in data supplied by Manufacturer. Ratings conform to applicable ISO and NFRC procedures and AAAMSA requirements where they exist. Simulated Energy Ratings determined are for specific glass type, frame layout and size. BuildingPhysics does not recommend any product and does not warrant the suitability of any product for any specific use.

For further information please feel free to contact [frames@buildingphysics.co.za](mailto:frames@buildingphysics.co.za), or see [www.buildingphysics.co.za](http://www.buildingphysics.co.za).

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