## UV Gard - Architectural Films

**Product Code: MNRLW 250 C90** **Type: Specialized** **Color: Clear**

| | Total Solar Energy % | | | | | | Visible Light % | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Shading Coeff. | SHGC | Reject | Reflect | Absorb. | Trans. | Reflect Exterior | Transmit | $_2$(LE) | U.V. Trans. | Emissivity | "U" Value | Heat Reduction | Glare Reduction |
| **1/4" Clear Single Pane** | 0.91 | 0.79 | 20.80% | 6.40% | 20.40% | 73.20% | 7.6% | 80.50% | 0.88 | <1% | 0.87 | 1.02 | 4.00% | 8.60% |
| **1/4" Tinted Single Pane** | 0.66 | 0.57 | 42.60% | 4.40% | 56.20% | 39.40% | 4.9% | 39.40% | 0.60 | <1% | 0.87 | 1.02 | 2.90% | 13.20% |
| **1/4" Double Pane Clear/Clear** | 0.80 | 0.69 | 30.40% | 10.80% | 32.50% | 56.70% | 14.0% | 71.60% | 0.89 | <1% | 0.87 | 0.49 | 1.40% | 8.30% |
| **1/4" Double Pane Tinted/Clear** | 0.53 | 0.46 | 53.90% | 5.60% | 63.10% | 31.30% | 6.4% | 35.30% | 0.67 | <1% | 0.87 | 0.49 | 0.00% | 12.20% |

| Summary of Seasonal Conditions: | Mild Winter | Shading Coefficient calculated under SUMMER DAY conditions. | Emissivity Value is for #1 surface |
|---|---|---|---|
| Temperature Inside | 68 deg F | | |
| Temperature Outside | 45 deg F | "U" Value calculated under MILD WINTER conditions. | |
| Solar Intensity | 0 Btu/hr-ft2 | "U" (Wm) | |
| Wind Velocity | 15 MPH | | |

Notes:

1. Performance results were generated from testing film applied to ¼" clear, monolithic, annealed glass. Results have been calculated using the Lawrence Berkeley Lab's "Windows 5.2" software program. Tests, equipment and methods are in accordance with ASTM and NFRC standards. Performance results are subject to variations within industry standards.

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