

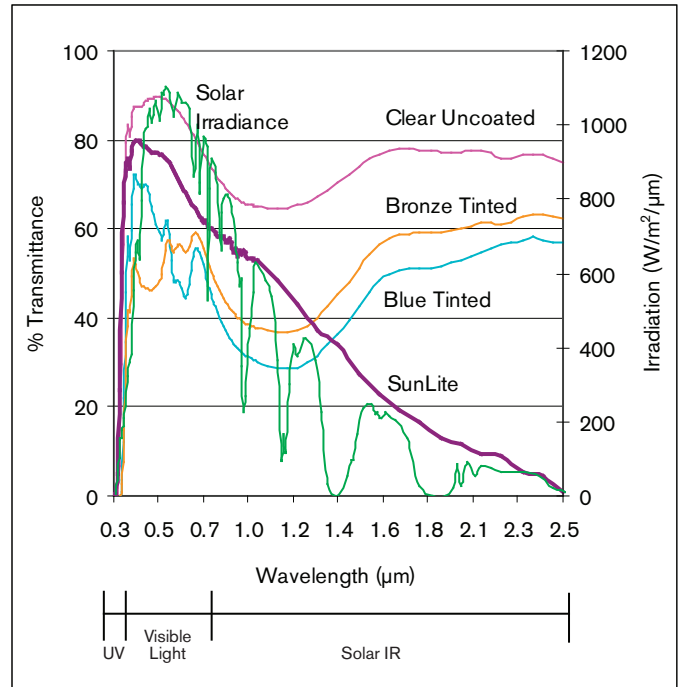
# Certincoat® SunLite Coating

Solar radiation control is the ability to control solar heat gain, or the amount of heat from the sun that enters a window. Certincoat® SunLite coating is a unique energy efficient product with low solar heat gain and high transmission of visible light with hard coat durability—outstanding for temperate climates.

## Characteristics

Certincoat® SunLite coating is a pyrolytic solar control glazing applied by atmospheric pressure chemical vapor deposition (APCVD). Certincoat® SunLite offers:

- Low SHGC
- High transmission of sunlight
- No body tint production losses
- Durability of pyrolytic coating
- No special handling requirements
- Ease in use during cutting, insulating, heat treating, and bending



This graph shows how Certincoat® SunLite coating allows in a high percentage of visible light compared to tinted glass and blocks more of the solar IR compared to clear glass. Lower amounts of solar IR reduce the need to cool the interior, making significant energy savings.

## Technical Data

|   | Emissivity, $\epsilon$ | $U_c^1$ (W/m²K) | SHGC <sub>c</sub> <sup>1</sup> | SC <sub>c</sub> <sup>1</sup> | $T_{vis}^1$ |
|---|------------------------|-----------------|--------------------------------|------------------------------|-------------|
| Certincoat® SunLite Insulated Glass <sup>2</sup>  | 0.36                   | 2.0             | 0.55                           | 0.64                         | 67%         |
| Certincoat® SunLite Monolithic Glass <sup>3</sup> | 0.36                   | 4.3             | 0.64                           | 0.74                         | 75%         |
| Uncoated Blue Monolithic Glass                    | 0.84                   | 5.8             | 0.61                           | 0.71                         | 57%         |
| Uncoated Bronze Monolithic Glass                  | 0.84                   | 5.8             | 0.62                           | 0.72                         | 53%         |
| Uncoated Clear Monolithic Glass                   | 0.84                   | 5.8             | 0.82                           | 0.94                         | 88%         |

<sup>1</sup> $T_{vis}$ ,  $U_c$ , SHGC<sub>c</sub> & SC<sub>c</sub> – All center of glass values calculated with NFRC 100-2001 conditions.

<sup>2</sup>Insulated Glass Unit consists of 6 mm Certincoat® SunLite glass (coating on #2 surface) with 12.7 mm Argon-filled space followed by 6 mm uncoated clear glass.

<sup>3</sup>Values calculated with coating on #2 surface.

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See MSDS for Health & Safety Considerations.

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