

Glass Performance: Insulated Glazing

Viridian ThermoTech™

| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|--------------------------|---------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Clear ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Clear | VFloat™ Clear | 4+12+4 | 80 | 15 | 15 | 69 | 13 | 51 | 2.6 | 0.75 | 20 | 1.07 |
| | | 5+12+5 | 79 | 15 | 15 | 63 | 12 | 47 | 2.5 | 0.72 | 25 | 1.10 |
| | | 6+12+6 | 78 | 15 | 15 | 62 | 12 | 44 | 2.5 | 0.71 | 30 | 1.10 |
| | | 8+12+6 | 77 | 14 | 14 | 57 | 11 | 42 | 2.5 | 0.66 | 35 | 1.17 |
| | | 10+12+6 | 76 | 14 | 14 | 54 | 10 | 39 | 2.5 | 0.64 | 40 | 1.19 |
| | | 12+12+6 | 75 | 14 | 14 | 51 | 10 | 37 | 5.0 | 0.61 | 45 | 1.23 |
| VLam™ Clear | VFloat™ Clear | 6.38+12+6 | 78 | 15 | 15 | 58 | 12 | <1 | 2.5 | 0.67 | 30.4 | 1.16 |
| Grey ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Light Grey | VFloat™ Clear | 6+12+6 | 54 | 9 | 13 | 43 | 8 | 25 | 2.5 | 0.54 | 30 | 1.00 |
| VFloat™ Grey | VFloat™ Clear | 4+12+4 | 50 | 8 | 13 | 46 | 8 | 24 | 2.6 | 0.55 | 20 | 0.91 |
| | | 5+12+5 | 42 | 7 | 12 | 38 | 7 | 19 | 2.5 | 0.49 | 25 | 0.86 |
| | | 6+12+6 | 37 | 7 | 12 | 33 | 7 | 15 | 2.5 | 0.45 | 30 | 0.82 |
| | | 10+12+6 | 23 | 5 | 12 | 22 | 5 | 8 | 2.5 | 0.38 | 40 | 0.61 |
| | | 12+12+6 | 19 | 5 | 12 | 20 | 5 | 7 | 2.5 | 0.34 | 45 | 0.56 |
| VLam™ Grey | VFloat™ Clear | 6.38+12+6 | 37 | 7 | 12 | 36 | 7 | <1 | 2.5 | 0.49 | 30.4 | 0.76 |
| SuperGrey™ | VFloat™ Clear | 6+12+6 | 8 | 4 | 11 | 6 | 4 | 1 | 2.5 | 0.21 | 30 | 0.38 |
| Green ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Green | VFloat™ Clear | 4+12+4 | 73 | 13 | 14 | 49 | 9 | 30 | 2.6 | 0.58 | 20 | 1.26 |
| | | 5+12+5 | 68 | 12 | 14 | 39 | 8 | 17 | 2.5 | 0.50 | 25 | 1.36 |
| | | 6+12+6 | 66 | 12 | 14 | 36 | 8 | 21 | 2.5 | 0.47 | 30 | 1.40 |
| | | 10+12+6 | 59 | 10 | 13 | 27 | 6 | 12 | 2.5 | 0.39 | 40 | 1.51 |
| VLam™ Green | VFloat™ Clear | 6.38+12+6 | 63 | 11 | 14 | 50 | 9 | <1 | 2.5 | 0.61 | 30.4 | 1.03 |
| SuperGreen™ | VFloat™ Clear | 6+12+6 | 59 | 10 | 13 | 28 | 6 | 10 | 2.5 | 0.40 | 30 | 1.48 |
| VLam™ SuperGreen | VFloat™ Clear | 6.38+12+6 | 57 | 10 | 13 | 25 | 7 | <1 | 2.5 | 0.37 | 30.4 | 1.54 |

| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|----------------------------|---------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Blue ThermoTech™ | | | | | | | | | | | | |
| SuperBlue™ | VFloat™ Clear | 6+12+6 | 47 | 8 | 13 | 27 | 6 | 16 | 2.5 | 0.39 | 30 | 1.21 |
| | | 10+12+6 | 36 | 7 | 12 | 18 | 5 | 10 | 2.5 | 0.32 | 40 | 1.13 |
| VLam™ Cool Blue | VFloat™ Clear | 6.38+12+6 | 65 | 12 | 14 | 52 | 10 | <1 | 2.5 | 0.63 | 30.4 | 1.03 |
| Bronze ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Bronze | VFloat™ Clear | 4+12+4 | 55 | 10 | 13 | 50 | 9 | 23 | 2.5 | 0.59 | 20 | 0.93 |
| | | 5+12+5 | 48 | 8 | 13 | 41 | 7 | 18 | 2.5 | 0.53 | 25 | 0.91 |
| | | 6+12+6 | 45 | 8 | 12 | 41 | 7 | 15 | 2.5 | 0.53 | 30 | 0.85 |
| | | 10+12+6 | 30 | 6 | 12 | 28 | 6 | 7 | 2.5 | 0.41 | 40 | 0.73 |
| | | 12+12+6 | 23 | 5 | 12 | 22 | 5 | 5 | 2.5 | 0.36 | 45 | 0.64 |
| VLam™ Bronze | VFloat™ Clear | 6.38+12+6 | 46 | 8 | 13 | 40 | 8 | <1 | 2.5 | 0.52 | 30.4 | 0.88 |
| Privacy ThermoTech™ | | | | | | | | | | | | |
| VLam™ Translucent | VFloat™ Clear | 6.38+12+6 | 60 | 11 | 14 | 47 | 9 | <1 | 2.5 | 0.58 | 30.4 | 1.03 |
| VLam™ Translucent Grey | VFloat™ Clear | 6.76+12+6 | 29 | 6 | 12 | 30 | 6 | <1 | 2.5 | 0.43 | 30.8 | 0.67 |

Typical measured values of Viridian production are provided.

All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

Product Name – Where # appears, ie (#2), this identifies the position of the coated surface of the glass. Glass surfaces are counted from the exterior to the interior of the building.

Nominal Thickness – The glass thickness or the makeup of a Viridian ThermoTech™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit.

Visible Light Transmission – Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.

Visible Light Reflection – Percentage of visible light reflected toward the exterior.

Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.

Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.

UV Transmission – The percentage of Ultra Violet light transmitted measured in the light range of 300-380nm. The lower the number the smaller the transmission.

U Value – Measurement unit is watts per m2 per degree celcius (W/m²°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.

SHGC (Solar Heat Gain Coefficient) – The proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance..

Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index ($S = Vt/g$) with a high selectivity more preferable in modern building design.

Glass Performance: Insulated Low E

Viridian ThermoTech™ Low E

| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|----------------------------|------------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Clear ThermoTech E™ | | | | | | | | | | | | |
| VFloat™ Clear | EnergyTech™ Clear | 4+12+4 | 74 | 18 | 17 | 57 | 16 | 41 | 1.6 | 0.71 | 20 | 1.04 |
| | | 5+12+4 | 74 | 17 | 17 | 55 | 15 | 40 | 1.6 | 0.68 | 22.5 | 1.09 |
| | | 6+12+6 | 73 | 17 | 16 | 52 | 15 | 35 | 1.6 | 0.67 | 30 | 1.09 |
| | | 8+12+6 | 71 | 17 | 16 | 48 | 13 | 34 | 1.6 | 0.62 | 35 | 1.15 |
| | | 10+12+6 | 70 | 17 | 16 | 46 | 13 | 32 | 1.6 | 0.59 | 40 | 1.19 |
| | | 12+12+6 | 69 | 16 | 16 | 44 | 12 | 30 | 1.6 | 0.57 | 45 | 1.21 |
| VLam™ Clear | EnergyTech™ Clear | 6.38+12+6 | 72 | 17 | 16 | 50 | 13 | <1 | 1.6 | 0.74 | 30.4 | 0.97 |
| EnergyTech™ Clear | VFloat™ Clear | 4 + 12 + 4 | 75 | 17 | 18 | 57 | 15 | 41 | 1.6 | 0.64 | 20 | 1.17 |
| | | 6 + 12 + 6 | 73 | 16 | 17 | 52 | 14 | 36 | 1.6 | 0.62 | 30 | 1.18 |
| | | 8 + 12 + 6 | 72 | 16 | 17 | 52 | 13 | 36 | 1.6 | 0.62 | 35 | 1.16 |
| | | 10 + 12 + 6 | 71 | 16 | 17 | 48 | 12 | 32 | 1.6 | 0.57 | 40 | 1.25 |
| EnergyTech™ Clear | EnergyTech™ Clear | 6 + 12 + 6 | 67 | 19 | 19 | 47 | 15 | 29 | 1.5 | 0.59 | 30 | 1.14 |
| | | 8 + 12 + 6 | 67 | 18 | 18 | 47 | 15 | 29 | 1.5 | 0.59 | 35 | 1.14 |
| | | 10 + 12 + 6 | 65 | 18 | 19 | 43 | 13 | 26 | 1.5 | 0.55 | 40 | 1.18 |
| EnergyTech™ SuperClear | SuperClear™ | 6 + 12 + 6 | 76 | 17 | 18 | 67 | 17 | 53 | 1.6 | 0.70 | 30 | 1.09 |
| EnergyTech™ SuperClear | EnergyTech™ SuperClear | 6 + 12 + 6 | 70 | 19 | 19 | 60 | 18 | 47 | 1.5 | 0.67 | 30 | 1.04 |
| ComfortPlus™ Clear | VFloat™ Clear | 6.38+12+6 | 73 | 16 | 17 | 51 | 12 | <1 | 1.6 | 0.60 | 30.4 | 1.22 |
| | | 8.38+12+6 | 72 | 16 | 17 | 49 | 12 | <1 | 1.6 | 0.58 | 35.4 | 1.24 |
| | | 10.38+12+6 | 71 | 16 | 17 | 47 | 11 | <1 | 1.6 | 0.55 | 40.4 | 1.29 |
| | | 12.38+12+6 | 70 | 16 | 17 | 45 | 11 | <1 | 1.6 | 0.54 | 45.4 | 1.30 |
| ComfortPlus™ Clear | EnergyTech™ Clear | 6.38+12+6 | 68 | 18 | 18 | 45 | 14 | <1 | 1.5 | 0.58 | 30.4 | 1.17 |
| | | 8.38+12+6 | 67 | 18 | 18 | 43 | 13 | <1 | 1.5 | 0.55 | 35.4 | 1.22 |
| | | 10.38+12+6 | 65 | 18 | 19 | 41 | 12 | <1 | 1.5 | 0.52 | 40.4 | 1.25 |
| | | 12.38+12+6 | 65 | 18 | 18 | 40 | 12 | <1 | 1.5 | 0.51 | 45.4 | 1.27 |
| ComfortHush™ Clear | VFloat™ Clear | 6.5+12+6 | 72 | 16 | 17 | 50 | 12 | <1 | 1.6 | 0.59 | 30.5 | 1.22 |
| | | 10.5+12+6 | 71 | 16 | 17 | 46 | 11 | <1 | 1.6 | 0.55 | 40.5 | 1.29 |
| ComfortHush™ Clear | EnergyTech™ | 6.5+12+6 | 67 | 18 | 18 | 44 | 14 | <1 | 1.5 | 0.57 | 30.5 | 1.18 |
| | | 10.5+12+6 | 66 | 18 | 18 | 41 | 12 | <1 | 1.5 | 0.53 | 40.5 | 1.25 |
| Evantage™ Clear | VFloat™ Clear | 6+12+6 | 61 | 27 | 29 | 47 | 20 | 23 | 1.7 | 0.56 | 30 | 1.09 |
| Evantage™ Clear | EnergyTech™ Clear | 6+12+6 | 57 | 29 | 29 | 41 | 21 | 19 | 1.5 | 0.54 | 30 | 1.06 |
| Enviroshield ITO™ Clear | VFloat™ Clear | 8.76+12+6 | 67 | 15 | 17 | 37 | 9 | <1 | 1.6 | 0.46 | 35.8 | 1.46 |
| Enviroshield ITO™ Clear | EnergyTech™ Clear | 8.76+12+6 | 62 | 16 | 18 | 34 | 10 | <1 | 1.5 | 0.44 | 35.8 | 1.41 |

For more information visit ViridianGlass.com

| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|----------------------------|-------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Neutral ThermoTech™ | | | | | | | | | | | | |
| SolTech™ Neutral | VFloat™ Clear | 4 + 12 + 4 | 55 | 12 | 16 | 38 | 10 | 34 | 1.6 | 0.46 | 20 | 1.20 |
| | | 6 + 12 + 6 | 56 | 12 | 16 | 36 | 10 | 30 | 1.6 | 0.45 | 30 | 1.24 |
| | | 10 + 12 + 6 | 55 | 11 | 16 | 35 | 10 | 29 | 1.6 | 0.44 | 40 | 1.25 |
| SolTech™ Neutral | EnergyTech™ Clear | 4 + 12 + 4 | 51 | 13 | 18 | 34 | 11 | 28 | 1.5 | 0.44 | 20 | 1.16 |
| | | 6 + 12 + 6 | 52 | 13 | 17 | 33 | 11 | 24 | 1.5 | 0.43 | 30 | 1.21 |
| | | 10 + 12 + 6 | 51 | 13 | 17 | 31 | 10 | 23 | 1.5 | 0.42 | 40 | 1.21 |
| ComfortPlus™ Neutral | VFloat™ Clear | 6.38+12+6 | 52 | 10 | 16 | 34 | 9 | <1 | 1.6 | 0.43 | 35.4 | 1.21 |
| | | 8.38+12+6 | 53 | 11 | 16 | 33 | 9 | <1 | 1.6 | 0.42 | 30.4 | 1.26 |
| ComfortPlus™ Neutral | EnergyTech™ Clear | 6.38+12+6 | 49 | 12 | 17 | 31 | 9 | <1 | 1.5 | 0.41 | 30.5 | 1.20 |
| | | 8.38+12+6 | 49 | 12 | 17 | 30 | 9 | <1 | 1.5 | 0.40 | 35.4 | 1.23 |
| ComfortHush™ Neutral | VFloat™ Clear | 6.5+12+6 | 53 | 11 | 16 | 34 | 9 | <1 | 1.6 | 0.43 | 30.5 | 1.23 |
| | | 10.5+12+6 | 53 | 11 | 16 | 31 | 8 | <1 | 1.6 | 0.40 | 40.5 | 1.33 |
| ComfortHush™ Neutral | EnergyTech™ Clear | 6.5+12+6 | 49 | 12 | 17 | 31 | 9 | <1 | 1.5 | 0.41 | 30.5 | 1.20 |
| | | 10.5+12+6 | 49 | 12 | 17 | 28 | 9 | <1 | 1.5 | 0.38 | 40.5 | 1.29 |
| Enviroshield ITO™ Neutral | VFloat™ Clear | 8.76+12+6 | 50 | 10 | 16 | 26 | 7 | <1 | 1.6 | 0.35 | 35.8 | 1.43 |
| Enviroshield ITO™ Neutral | EnergyTech™ Clear | 8.76+12+6 | 46 | 11 | 17 | 24 | 7 | <1 | 1.5 | 0.33 | 35.8 | 1.39 |
| Grey ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Light Grey | EnergyTech™ Clear | 6+12+6 | 50 | 11 | 15 | 36 | 9 | 20 | 1.5 | 0.49 | 30 | 1.02 |
| EnergyTech™ Light Grey | VFloat™ Clear | 6+12+6 | 51 | 10 | 15 | 36 | 9 | 22 | 1.7 | 0.45 | 30 | 1.13 |
| VFloat™ Grey | EnergyTech™ Clear | 4+12+4 | 46 | 9 | 15 | 38 | 10 | 20 | 1.6 | 0.50 | 20 | 0.92 |
| | | 5+12+4 | 39 | 8 | 14 | 32 | 9 | 16 | 1.6 | 0.44 | 22.5 | 0.89 |
| | | 6+12+6 | 34 | 7 | 14 | 27 | 8 | 12 | 1.6 | 0.40 | 30 | 0.85 |
| | | 10+12+6 | 21 | 5 | 14 | 18 | 6 | 6 | 1.6 | 0.30 | 40 | 0.70 |
| 12+12+6 | 17 | 5 | 14 | 16 | 6 | 6 | 1.6 | 0.28 | 45 | 0.61 | | |
| VLam™ Grey | EnergyTech™ Clear | 6.38+12+6 | 34 | 7 | 14 | 30 | 8 | <1 | 1.6 | 0.44 | 30.4 | 0.77 |
| EnergyTech™ Grey | VFloat™ Clear | 4 + 12 + 4 | 45 | 9 | 15 | 38 | 9 | 18 | 1.6 | 0.45 | 20 | 1.00 |
| | | 6 + 12 + 6 | 35 | 8 | 16 | 29 | 8 | 13 | 1.7 | 0.39 | 30 | 0.90 |
| EnergyTech™ Grey | EnergyTech™ Clear | 4 + 12 + 4 | 42 | 10 | 17 | 33 | 10 | 15 | 1.5 | 0.43 | 20 | 0.98 |
| | | 6 + 12 + 6 | 33 | 8 | 17 | 26 | 8 | 10 | 1.5 | 0.36 | 30 | 0.92 |
| SolTech™ Grey | VFloat™ Clear | 6 + 12 + 6 | 27 | 6 | 14 | 19 | 6 | 11 | 1.6 | 0.28 | 30 | 0.96 |
| SolTech™ Grey | EnergyTech™ Clear | 6 + 12 + 6 | 25 | 7 | 16 | 17 | 7 | 8 | 1.5 | 0.26 | 30 | 0.96 |
| ComfortPlus™ | VFloat™ Clear | 6.38+12+6 | 35 | 7 | 15 | 30 | 8 | <1 | 1.6 | 0.4 | 30.9 | 0.88 |
| | | 10.38+12+6 | 34 | 7 | 15 | 28 | 7 | <1 | 1.6 | 0.38 | 40.9 | 0.89 |
| ComfortPlus™ Grey | EnergyTech™ Clear | 6.38+12+6 | 32 | 8 | 17 | 27 | 8 | <1 | 1.5 | 0.38 | 30.9 | 0.84 |
| | | 10.38+12+6 | 31 | 8 | 17 | 24 | 7 | <1 | 1.5 | 0.36 | 40.9 | 0.86 |
| ComfortHush™ Grey | VFloat™ Clear | 6.88+12+6 | 35 | 7 | 15 | 30 | 8 | <1 | 1.6 | 0.4 | 30.9 | 0.88 |
| | | 10.88+12+6 | 34 | 7 | 15 | 28 | 7 | <1 | 1.6 | 0.38 | 40.9 | 0.89 |

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| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|-----------------------------|-------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Grey ThermoTech™ | | | | | | | | | | | | |
| ComfortHush™ Grey | EnergyTech™ Clear | 6.88+12+6 | 32 | 8 | 17 | 27 | 8 | <1 | 1.5 | 0.38 | 30.9 | 0.84 |
| | | 10.88+12+6 | 31 | 8 | 17 | 24 | 7 | <1 | 1.5 | 0.36 | 40.9 | 0.86 |
| EVantage™ Grey | VFloat™ Clear | 6+12+6 | 29 | 10 | 30 | 24 | 9 | 8 | 1.7 | 0.33 | 30 | 0.88 |
| EVantage™ Grey | EnergyTech™ Clear | 6+12+6 | 27 | 11 | 29 | 20 | 9 | 7 | 1.5 | 0.31 | 30 | 0.87 |
| Enviroshield ITO™ Grey | VFloat™ Clear | 8.76+12+6 | 31 | 7 | 15 | 17 | 5 | <1 | 1.6 | 0.26 | 35.8 | 1.19 |
| Enviroshield ITO™ Grey | EnergyTech™ Clear | 8.76+12+6 | 29 | 7 | 17 | 16 | 6 | <1 | 1.5 | 0.25 | 35.8 | 1.16 |
| SuperGrey™ | EnergyTech™ Clear | 6+12+6 | 7 | 4 | 13 | 5 | 4 | 1 | 1.6 | 0.14 | 30 | 0.50 |
| Green ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Green | EnergyTech™ Clear | 4+12+4 | 68 | 15 | 16 | 41 | 11 | 24 | 1.6 | 0.52 | 20 | 1.31 |
| | | 5+12+4 | 64 | 14 | 16 | 34 | 9 | 14 | 1.6 | 0.44 | 22.5 | 1.45 |
| | | 6+12+6 | 61 | 14 | 16 | 31 | 9 | 17 | 1.6 | 0.42 | 30 | 1.45 |
| | | 10+12+6 | 52 | 11 | 15 | 21 | 7 | 7 | 1.6 | 0.31 | 40 | 1.68 |
| VLam™ Green | EnergyTech™ Clear | 6.38+12+6 | 59 | 13 | 16 | 42 | 11 | <1 | 1.6 | 0.56 | 30.4 | 1.05 |
| EnergyTech™ Green | VFloat™ Clear | 4 + 12 + 4 | 68 | 15 | 17 | 41 | 10 | 25 | 1.6 | 0.48 | 20 | 1.42 |
| EnergyTech™ Green | EnergyTech™ Clear | 4 + 12 + 4 | 63 | 17 | 18 | 37 | 11 | 20 | 1.5 | 0.46 | 20 | 1.37 |
| Enviroshield ITO™ Green | VFloat™ Clear | 8.76+12+6 | 61 | 13 | 16 | 29 | 8 | <1 | 1.6 | 0.37 | 35.8 | 1.65 |
| Enviroshield ITO™ Green | EnergyTech™ Clear | 8.76+12+6 | 57 | 14 | 18 | 27 | 8 | <1 | 1.5 | 0.35 | 35.8 | 1.63 |
| Super-Green™ | EnergyTech™ Clear | 4+12+4 | 61 | 13 | 15 | 31 | 8 | 15 | 1.6 | 0.41 | 20 | 1.49 |
| | | 5+12+4 | 59 | 12 | 15 | 28 | 8 | 12 | 1.6 | 0.38 | 22.5 | 1.55 |
| | | 6+12+6 | 55 | 12 | 15 | 24 | 7 | 8 | 1.6 | 0.34 | 30 | 1.62 |
| Super-Green™ | EnergyTech™ Clear | 6.38+12+6 | 54 | 11 | 15 | 23 | 7 | <1 | 1.6 | 0.33 | 30.4 | 1.64 |
| EVantage™ SuperGreen | VFloat™ Clear | 6+12+6 | 44 | 18 | 30 | 21 | 9 | 7 | 1.7 | 0.29 | 30 | 1.52 |
| EVantage™ SuperGreen | EnergyTech™ Clear | 6+12+6 | 41 | 19 | 29 | 18 | 10 | 5 | 1.5 | 0.27 | 30 | 1.52 |
| EnergyTech™ SuperGreen | VFloat™ Clear | 4 + 12 + 4 | 61 | 13 | 17 | 32 | 8 | 15 | 1.6 | 0.39 | 20 | 1.56 |
| | | 6 + 12 + 6 | 54 | 11 | 16 | 24 | 7 | 10 | 1.6 | 0.32 | 30 | 1.69 |
| EnergyTech™ SuperGreen | EnergyTech™ Clear | 4 + 12 + 4 | 57 | 14 | 18 | 28 | 9 | 12 | 1.5 | 0.37 | 20 | 1.54 |
| | | 6 + 12 + 6 | 50 | 13 | 18 | 22 | 8 | 8 | 1.5 | 0.3 | 30 | 1.67 |
| Blue ThermoTech™ | | | | | | | | | | | | |
| SuperBlue™ | EnergyTech™ Clear | 6+12+6 | 43 | 9 | 15 | 23 | 7 | 13 | 1.6 | 0.33 | 30 | 1.30 |
| | | 10+12+6 | 34 | 7 | 14 | 16 | 6 | 8 | 1.6 | 0.25 | 40 | 1.36 |
| EVantage™ SuperBlue | VFloat™ Clear | 6+12+6 | 35 | 13 | 30 | 19 | 9 | 8 | 1.7 | 0.28 | 30 | 1.25 |
| EVantage™ SuperBlue | EnergyTech™ Clear | 6+12+6 | 33 | 14 | 29 | 17 | 9 | 7 | 1.5 | 0.26 | 30 | 1.27 |
| Enviroshield ITO™ SuperBlue | VFloat™ Clear | 12.76+12+6 | 30 | 7 | 15 | 13 | 5 | <1 | 1.6 | 0.22 | 45.8 | 1.36 |
| Enviroshield ITO™ SuperBlue | EnergyTech™ Clear | 10.76+12+6 | 28 | 7 | 16 | 12 | 5 | <1 | 1.5 | 0.20 | 40.8 | 1.40 |

| Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m ² | Selectivity |
|----------------------------|-------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------------------|-------------|
| | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Blue ThermoTech™ | | | | | | | | | | | | |
| EVantage™ Blue-Green | VFloat™ Clear | 6+12+6 | 51 | 21 | 30 | 29 | 12 | 13 | 1.7 | 0.38 | 30 | 1.34 |
| EVantage™ Blue-Green | EnergyTech™ Clear | 6+12+6 | 47 | 22 | 29 | 26 | 13 | 10 | 1.5 | 0.35 | 30 | 1.34 |
| VLam™ Cool Blue | EnergyTech™ Clear | 6.38+12+6 | 60 | 14 | 16 | 44 | 12 | <1 | 1.6 | 0.58 | 30.4 | 1.03 |
| Bronze ThermoTech™ | | | | | | | | | | | | |
| VFloat™ Bronze | EnergyTech™ Clear | 4+12+4 | 51 | 11 | 15 | 41 | 11 | 19 | 1.6 | 0.54 | 20 | 0.94 |
| | | 5+12+4 | 45 | 9 | 15 | 35 | 9 | 15 | 1.6 | 0.47 | 22.5 | 0.96 |
| | | 6+12+6 | 41 | 8 | 15 | 34 | 9 | 12 | 1.6 | 0.48 | 40 | 0.85 |
| | | 10+12+6 | 28 | 6 | 14 | 23 | 7 | 6 | 1.6 | 0.36 | 40 | 0.78 |
| VLam™ Bronze | EnergyTech™ Clear | 6.38+12+6 | 43 | 9 | 15 | 34 | 9 | <1 | 1.6 | 0.47 | 30.4 | 0.91 |
| EVantage™ Bronze | VFloat™ Clear | 6+12+6 | 32 | 13 | 29 | 24 | 11 | 7 | 1.5 | 0.35 | 30 | 0.91 |
| EVantage™ Bronze | EnergyTech™ Clear | 6+12+6 | 34 | 13 | 29 | 28 | 11 | 9 | 1.7 | 0.37 | 30 | 0.92 |
| Privacy ThermoTech™ | | | | | | | | | | | | |
| VLam™ Translucent | EnergyTech™ Clear | 6.38+12+6 | 56 | 12 | 15 | 40 | 10 | <1 | 1.6 | 0.54 | 30.4 | 1.04 |
| VLam™ Translucent Grey | EnergyTech™ Clear | 6.76+12+6 | 27 | 6 | 14 | 25 | 7 | <1 | 1.6 | 0.44 | 30.8 | 0.61 |
| ComfortHush™ Translucent | VFloat™ Clear | 6.88+12+6 | 52 | 13 | 18 | 36 | 10 | <1 | 1.5 | 0.48 | 30.9 | 1.08 |
| | | 10.88+12+6 | 51 | 12 | 17 | 33 | 10 | <1 | 1.5 | 0.45 | 40.9 | 1.13 |

Typical measured values of Viridian production are provided

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Visible Light Reflection – Percentage of visible light reflected toward the exterior.

Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.

Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.

UV Transmission – The percentage of Ultra Violet light transmitted measured in the light range of 300-380nm. The lower the number the smaller the transmission.

U Value – Measurement unit is watts per m2 per degree celcius (W/m²°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.

SHGC (Solar Heat Gain Coefficient) – The proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.

Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index (**S = Vt/g**) with a high selectivity more preferable in modern building design.

Glass Performance: LightBridge™

Viridian LightBridge™ Insulating Glass Units

| Product Name | Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m² | Selectivity |
|------------------------------|------------------------|------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------|-------------|
| | | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Viridian LightBridge™ | | | | | | | | | | | | | |
| Clear | 4mm VFloat™ Clear | 4mm LightBridge™ | 4+12+4 | 80 | 14 | 13 | 52 | 32 | 37 | 1.4 | 0.59 | 20 | 1.36 |
| | 5mm VFloat™ Clear | 5mm LightBridge™ | 5+12+5 | 78 | 12 | 12 | 48 | 26 | 33 | 1.4 | 0.56 | 25 | 1.39 |
| | 6mm VFloat™ Clear | 6mm LightBridge™ | 6+12+6 | 78 | 12 | 12 | 47 | 25 | 31 | 1.4 | 0.55 | 30 | 1.42 |
| | 8mm VFloat™ Clear | 8mm LightBridge™ | 8+12+8 | 76 | 12 | 12 | 43 | 21 | 29 | 1.4 | 0.52 | 35 | 1.46 |
| Light Grey | 5mm VFloat™ Light Grey | 5mm LightBridge™ | 5+12+5 | 60 | 9 | 11 | 37 | 17 | 21 | 1.4 | 0.44 | 25 | 1.36 |
| | 6mm VFloat™ Light Grey | 6mm LightBridge™ | 6+12+6 | 56 | 8 | 11 | 34 | 15 | 19 | 1.4 | 0.42 | 30 | 1.33 |
| Grey | 4mm VFloat™ Grey | 4mm LightBridge™ | 4+12+4 | 49 | 7 | 10 | 33 | 16 | 17 | 1.4 | 0.40 | 20 | 1.23 |
| | 5mm VFloat™ Grey | 5mm LightBridge™ | 5+12+5 | 42 | 7 | 10 | 28 | 13 | 13 | 1.4 | 0.36 | 25 | 1.17 |
| | 6mm VFloat™ Grey | 6mm LightBridge™ | 6+12+6 | 37 | 6 | 10 | 24 | 11 | 11 | 1.4 | 0.32 | 30 | 1.16 |
| DecorSatin™ | 4mm DecorSatin™ | 4mm LightBridge™ | 4+12+4 | 80 | 13 | 13 | 52 | 32 | 37 | 1.4 | 0.59 | 20 | 1.36 |
| | 6mm DecorSatin™ | 6mm LightBridge™ | 6+12+6 | 78 | 12 | 12 | 47 | 25 | 31 | 1.4 | 0.55 | 30 | 1.42 |
| | 8mm DecorSatin™ | 8mm LightBridge™ | 8+12+8 | 77 | 12 | 12 | 46 | 20 | 23 | 1.4 | 0.53 | 35 | 1.45 |
| DecorSatin™ Grey | 4mm DecorSatin™ Grey | 4mm LightBridge™ | 4+12+4 | 50 | 7 | 11 | 35 | 15 | 15 | 1.4 | 0.41 | 20 | 1.22 |
| | 6mm DecorSatin™ Grey | 6mm LightBridge™ | 6+12+6 | 37 | 6 | 10 | 27 | 11 | 15 | 1.4 | 0.33 | 30 | 1.12 |

Notes – The assembly of this product is protected
 Typical measured values of Viridian production are provided
 All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

Product Name – Glass surfaces are counted from the exterior to the interior of the building.

Nominal Thickness – The glass thickness or the makeup of a Viridian LightBridge™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit. Thickness tolerances are: 3-6mm (±0.2mm) 8-12mm (±0.3mm) 15mm (±0.5mm) 19mm (±1.0mm)

Visible Light Transmission – Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.

Visible Light Reflection – Percentage of visible light reflected toward the exterior.

Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.

Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.

UV Transmission – The percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.

U Value – Measurement unit is watts per m2 per degree celcius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.

SHGC (Solar Heat Gain Coefficient) – the proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.

Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index ($S = Vt/g$) with a high selectivity more preferable in modern building design.

Glass Performance: LightBridge next™

Viridian LightBridge next™ Insulating Glass Units

| Product Name | Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m² | Selectivity |
|-----------------------------------|------------------------------|------------------------|-------------------|-----------|-----------|----------|--------|-------|----------|---------------|------|--------------|-------------|
| | | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Viridian LightBridge next™ | | | | | | | | | | | | | |
| Clear | 6.5mm VLam Hush™ Clear | 4mm LightBridge™ | 6.5+12+4 | 79 | 12 | 12 | 49 | 20 | < 1 | 1.4 | 0.54 | 25.4 | 1.46 |
| | 6.5mm VLam Hush™ Clear | 5mm LightBridge™ | 6.5+12+5 | 79 | 12 | 12 | 48 | 20 | < 1 | 1.4 | 0.54 | 28.4 | 1.46 |
| | 6.5mm VLam Hush™ Clear | 6mm LightBridge™ | 6.5+12+6 | 78 | 12 | 13 | 48 | 20 | < 1 | 1.4 | 0.54 | 30.4 | 1.44 |
| | 8.5mm VLam Hush™ Clear | 8mm LightBridge™ | 8.5+12+8 | 78 | 12 | 12 | 46 | 19 | < 1 | 1.4 | 0.54 | 40.4 | 1.44 |
| Light Grey | 6.88mm VLam Hush™ Light Grey | 4mm LightBridge™ | 6.88+12+4 | 53 | 8 | 11 | 35 | 15 | < 1 | 1.4 | 0.41 | 25.5 | 1.29 |
| | 6.88mm VLam Hush™ Light Grey | 5mm LightBridge™ | 6.88+12+5 | 53 | 8 | 11 | 35 | 15 | < 1 | 1.4 | 0.41 | 28.5 | 1.29 |
| | 6.88mm VLam Hush™ Light Grey | 6mm LightBridge™ | 6.88+12+6 | 52 | 8 | 11 | 34 | 14 | < 1 | 1.4 | 0.41 | 30.5 | 1.27 |
| Grey | 8.88mm VLam Hush™ Light Grey | 8mm LightBridge™ | 8.88+12+8 | 52 | 8 | 11 | 33 | 19 | < 1 | 1.4 | 0.41 | 40.5 | 1.27 |
| | Grey | 6.88mm VLam Hush™ Grey | 4mm LightBridge™ | 6.88+12+4 | 38 | 6 | 10 | 28 | 13 | < 1 | 1.4 | 0.35 | 25.5 |
| 6.88mm VLam Hush™ Grey | | 5mm LightBridge™ | 6.88+12+5 | 38 | 6 | 10 | 28 | 13 | < 1 | 1.4 | 0.35 | 28.5 | 1.09 |
| 6.88mm VLam Hush™ Grey | | 6mm LightBridge™ | 6.88+12+6 | 38 | 6 | 10 | 28 | 13 | < 1 | 1.4 | 0.35 | 30.5 | 1.09 |
| 8.88mm VLam Hush™ Grey | | 8mm LightBridge™ | 8.88+12+8 | 37 | 6 | 10 | 27 | 13 | < 1 | 1.4 | 0.35 | 40.5 | 1.03 |

Notes – The assembly of this product is protected
 Typical measured values of Viridian production are provided
 All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

Product Name – Glass surfaces are counted from the exterior to the interior of the building.

Nominal Thickness – The glass thickness or the makeup of a Viridian LightBridge™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit. Thickness tolerances are: 3-6mm (±0.2mm) 8-12mm (±0.3mm) 15mm (±0.5mm) 19mm (±1.0mm)

Visible Light Transmission – Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.

Visible Light Reflection – Percentage of visible light reflected toward the exterior.

Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.

Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.

UV Transmission – The percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.

U Value – Measurement unit is watts per m2 per degree celcius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.

SHGC (Solar Heat Gain Coefficient) – the proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.

Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index ($S = Vt/g$) with a high selectivity more preferable in modern building design.

Glass Performance: ClimaTech™

Viridian ClimaTech™ Insulating Glass Units

| Product Name | Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m² | Selectivity |
|----------------------------|------------------------|----------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------|-------------|
| | | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Viridian ClimaTech™ | | | | | | | | | | | | | |
| Clear | 4mm VFloat™ Clear | 4mm ClimaTech™ | 4+12+4 | 77 | 13 | 13 | 51 | 25 | 50 | 1.5 | 0.64 | 20 | 1.20 |
| | 5mm VFloat™ Clear | 5mm ClimaTech™ | 5+12+5 | 75 | 12 | 12 | 47 | 21 | 44 | 1.5 | 0.61 | 25 | 1.23 |
| | 6mm VFloat™ Clear | 6mm ClimaTech™ | 6+12+6 | 74 | 12 | 12 | 46 | 20 | 41 | 1.5 | 0.60 | 30 | 1.23 |
| | 6mm ClimaTech™ Clear | 6mm Clear™ | 6+12+6 | 74 | 12 | 12 | 46 | 20 | 41 | 1.5 | 0.54 | 30 | 1.37 |
| Light Grey | 6mm VFloat™ Light Grey | 5mm ClimaTech™ | 6+12+5 | 53 | 8 | 10 | 33 | 13 | 24 | 1.5 | 0.45 | 28 | 1.18 |
| | 6mm VFloat™ Light Grey | 6mm ClimaTech™ | 6+12+6 | 53 | 8 | 10 | 33 | 13 | 24 | 1.5 | 0.45 | 30 | 1.18 |
| Grey | 6mm VFloat™ Grey | 5mm ClimaTech™ | 6+12+5 | 35 | 6 | 10 | 24 | 10 | 14 | 1.5 | 0.35 | 28 | 1.00 |
| | 6mm VFloat™ Grey | 6mm ClimaTech™ | 6+12+6 | 35 | 6 | 9 | 24 | 10 | 14 | 1.5 | 0.35 | 30 | 1.00 |
| Bronze | 6mm VFloat™ Bronze | 6mm ClimaTech™ | 6+12+6 | 43 | 7 | 10 | 29 | 13 | 14 | 1.5 | 0.42 | 30 | 1.02 |
| Green | 6mm VFloat™ Green | 6mm ClimaTech™ | 6+12+6 | 63 | 10 | 11 | 29 | 9 | 19 | 1.5 | 0.40 | 30 | 1.58 |
| SuperGreen | 6mm VFloat™ SuperGreen | 6mm ClimaTech™ | 6+12+6 | 56 | 9 | 10 | 24 | 7 | 10 | 1.5 | 0.33 | 30 | 1.70 |
| SuperBlue | 6mm VFloat™ SuperBlue | 6mm ClimaTech™ | 6+12+6 | 44 | 7 | 10 | 22 | 7 | 15 | 1.5 | 0.32 | 30 | 1.38 |

Notes – The assembly of this product is protected
 Typical measured values of Viridian production are provided
 All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

Product Name – Glass surfaces are counted from the exterior to the interior of the building.
Nominal Thickness – The glass thickness or the makeup of a Viridian LightBridge™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit. Thickness tolerances are: 3-6mm (±0.2mm) 8-12mm (±0.3mm) 15mm (±0.5mm) 19mm (±1.0mm)
Visible Light Transmission – Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.
Visible Light Reflection – Percentage of visible light reflected toward the exterior.
Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.
Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.
UV Transmission – The percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.
U Value – Measurement unit is watts per m2 per degree celcius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.
SHGC (Solar Heat Gain Coefficient) – the proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.
Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index ($S = Vt/g$) with a high selectivity more preferable in modern building design.

Glass Performance: PerformaTech™

Viridian PerformaTech™ Insulating Glass Units

| Product Name | Outside Glass | Inside Glass | Nominal Thickness | Visible | | | Solar | | UV Trans | U-Value Argon | SHGC | Weight kg/m² | Selectivity |
|-------------------------------|--------------------|--------------------|-------------------|---------|-----------|----------|--------|-------|----------|---------------|------|--------------|-------------|
| | | | | Trans. | Refl. Out | Refl. In | Trans. | Refl. | | | | | |
| Viridian PerformaTech™ | | | | | | | | | | | | | |
| PerformaTech™ PH08 | VFloat™ Clear | VFloat™ Clear | 6+12+6 | 68 | 13 | 15 | 29 | 38 | 22 | 1.3 | 0.33 | 30 | 2.01 |
| PerformaTech™ PH20 | VFloat™ Clear | VFloat™ Clear | 6+12+6 | 46 | 16 | 18 | 16 | 38 | 7 | 1.3 | 0.19 | 30 | 2.42 |
| PerformaTech™ PH25 | VFloat™ Clear | VFloat™ Clear | 6+12+6 | 59 | 15 | 17 | 22 | 48 | 10 | 1.3 | 0.25 | 30 | 2.36 |
| PerformaTech™ PH30 | VFloat™ Clear | VFloat™ Clear | 6+12+6 | 68 | 11 | 13 | 26 | 41 | 17 | 1.3 | 0.29 | 30 | 2.34 |
| VFloat™ Light Grey | PerformaTech™ PH30 | PerformaTech™ PH30 | 6+12+6 | 47 | 9 | 10 | 18 | 20 | 10 | 1.3 | 0.29 | 30 | 1.62 |
| VFloat™ Grey | PerformaTech™ PH30 | PerformaTech™ PH30 | 6+12+6 | 32 | 6 | 9 | 12 | 15 | 6 | 1.3 | 0.23 | 30 | 1.39 |
| VFloat™ Green | PerformaTech™ PH30 | PerformaTech™ PH30 | 6+12+6 | 58 | 10 | 10 | 20 | 11 | 8 | 1.3 | 0.31 | 30 | 1.87 |
| VFloat™ Bronze | PerformaTech™ PH30 | PerformaTech™ PH30 | 6+12+6 | 39 | 7 | 9 | 15 | 22 | 6 | 1.3 | 0.26 | 30 | 1.50 |

Notes – The assembly of this product is protected
 Typical measured values of Viridian production are provided
 All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

Product Name – Where # appears, ie (#2), this identifies the position of the coated surface of the glass. Glass surfaces are counted from the exterior to the interior of the building.
Nominal Thickness – The glass thickness or the makeup of a Viridian PerformaTech™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit.
Visible Light Transmission – Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.
Visible Light Reflection – Percentage of visible light reflected toward the exterior.
Solar Transmission – Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.
Solar Reflection – Percentage of normally incident visible light and solar energy reflected toward the exterior.
UV Transmission – The percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.
U Value – Measurement unit is watts per m2 per degree celcius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.
SHGC (Solar Heat Gain Coefficient) – The proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.
Selectivity - High selective glasses, generally above 1.8 offer exceptional performance which provides some of the best energy savings through the lowest conductance (U-Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours. Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index ($S = Vt/g$) with a high selectivity more preferable in modern building design.