# Type: Low-E Clear Reflective Insulating Glass

***“Solarban*®*”* R100 (2) Clear + Clear** by Vitro Architectural Glass

**Outdoor Lite:** Clear (transparent) Float Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 42% | 0.29 | 0.27 | 0.23 | 0.27 | 32% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

# Outdoor Appearance: Clear

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-Iron Low-E Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Starphire*®*”* + *“Starphire®”*** by Vitro Architectural Glass

**Outdoor Lite: *“Starphire®”*** (low-iron [a specially formulated glass type to eliminate the green hue commonly associated with clear glass]) Float Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite: *“Starphire®”*** (low-iron) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 44% | 0.29 | 0.27 | 0.23 | 0.27 | 33% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Ultra-clear

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-Iron Low-E Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Acuity™”* + *“Acuity™”*** by Vitro Architectural Glass

**Outdoor Lite: *“Acuity™”*** (low-iron [a specially formulated glass type to eliminate the green hue commonly associated with clear glass]) Float Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite: *“Acuity™”*** (low-iron) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 43% | 0.29 | 0.27 | 0.23 | 0.27 | 33% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Ultra-clear

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Atlantica* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Atlantica®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 31% | 0.29 | 0.27 | 0.19 | 0.22 | 20% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Emerald-green

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Azuria*®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Azuria®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 32% | 0.29 | 0.27 | 0.19 | 0.22 | 21% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Aqua-blue

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Optiblue* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Optiblue®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 30% | 0.29 | 0.27 | 0.20 | 0.23 | 19% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Steel blue-gray

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Solargray*®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Solargray®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 21% | 0.29 | 0.27 | 0.17 | 0.19 | 12% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Cool light-gray

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Solexia* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Solexia®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 36% | 0.29 | 0.27 | 0.21 | 0.24 | 25% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Light-green

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Solarbronze* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Solarbronze®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 25% | 0.29 | 0.27 | 0.18 | 0.21 | 15% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Warm-bronze

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Solarblue* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Solarblue®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 26% | 0.29 | 0.27 | 0.19 | 0.22 | 15% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Light sky-blue

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Low-E Tinted Reflective Insulating Glass

***“Solarban*®*”* R100 (2) *“Pacifica* ®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Pacifica®”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 20% | 0.29 | 0.27 | 0.16 | 0.19 | 11% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Deep-blue

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass

# Type: Solar Control Tinted Insulating Glass

**“*Solarban*®” R100 (2) “*Optigray*®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: “*Optigray®”*** Glass by Vitro Architectural Glass

**Indoor Lite:** Clear (transparent) Float Glass

**Low-E Coating: *“Solarban®”*** R100 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Second Surface (2)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 29% | 0.29 | 0.27 | 0.20 | 0.23 | 18% |

**Approved Manufacturers:** Vitro Certified™ Fabricator Required

**Certification:** Both lites to be Cradle to Cradle Certified™, minimum Bronze Level, by Cradle to Cradle Product Innovation [Institute (www.c2ccertified.org](http://www.c2ccertified.org/)).

**Outdoor Appearance:** Ultra-neutral, light-gray

**Insulating Unit Construction:** 1/4” (6mm) glass + 1/2” (13mm) air space + 1/4” (6mm) glass