# Type: Solar Control Low-E Clear Insulating Glass

***“Solarban*®*”* 90 (2) Clear + Clear** by Vitro Architectural Glass

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

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

**Low-E Coating: *“Solarban®”*** 90 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 |
| 51% | 0.29 | 0.27 | 0.23 | 0.27 | 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: Clear

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

# Type: Solar Control Ultra-Clear Low-E Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 |
| 54% | 0.29 | 0.27 | 0.23 | 0.26 | 13% |

**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: Solar Control Ultra-Clear Low-E Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 |
| 53% | 0.29 | 0.27 | 0.23 | 0.27 | 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: 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*®*”* 90 (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®”*** 90 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 | 0.22 | 0.26 | 10% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 |
| 39% | 0.29 | 0.27 | 0.20 | 0.23 | 9% |

**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*®*”* 90 (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®”*** 90 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 |
| 39% | 0.29 | 0.27 | 0.21 | 0.24 | 9% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 |
| 24% | 0.29 | 0.27 | 0.17 | 0.19 | 6% |

**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 Low-E Tinted Insulating Glass**

**“*Solarban*®*”* 90 (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®”*** 90 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 | 8% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 | 0.18 | 0.20 | 7% |

**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: Solar Control Tinted Insulating Glass

**“*Solarban*®” 90 (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®”*** 90 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 | 0.20 | 0.23 | 8% |

**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

# Type: Solar Control Low-E Tinted Insulating Glass

***“Solarban*®*”* 90 (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®”*** 90 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 | 0.17 | 0.19 | 6% |

**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: Solar Control Low-E Insulating Glass

***“Solarban*®*”* 90 (2) *“Optiblue*®*”* + Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Solarban®* 90 (2) *Optiblue*®*”*** Glass by Vitro Architectural Glass, Sputter Coated on second surface (2)

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

**Low-E Coating: *“Solarban®”*** 90 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 |
| 37% | 0.29 | 0.27 | 0.20 | 0.22 | 8% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Solexia*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 44% | 0.29 | 0.27 | 0.30 | 0.34 | 16% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Atlantica*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 39% | 0.29 | 0.27 | 0.26 | 0.30 | 13% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Azuria*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Azuria®”*** Glass by Vitro Architectural Glass.

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 39% | 0.29 | 0.27 | 0.27 | 0.31 | 13% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Pacifica*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 24% | 0.29 | 0.27 | 0.21 | 0.24 | 8% |

**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 Low-E Tinted Insulating Glass

***“Solarblue*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 32% | 0.29 | 0.27 | 0.25 | 0.29 | 10% |

**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 Low-E Tinted Insulating Glass

***“Solarbronze*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 30% | 0.29 | 0.27 | 0.24 | 0.27 | 10% |

**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: Solar Control Tinted Insulating Glass

***“Optigray*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 36% | 0.29 | 0.27 | 0.27 | 0.31 | 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:** Ultra-neutral, light-gray

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

# Type: Solar Control Low-E Tinted Insulating Glass

**“*Solargray*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 25% | 0.29 | 0.27 | 0.22 | 0.25 | 8% |

**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: Solar Control Low-E Tinted Insulating Glass

***“Graylite*®*”* II + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

**Outdoor Lite: *“Graylite®”*** II Glass by Vitro Architectural Glass

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 5% | 0.29 | 0.27 | 0.11 | 0.13 | 4% |

**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:** Dark-gray

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

# Type: Solar Control Low-E Tinted Insulating Glass

***“Optiblue*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 37% | 0.29 | 0.27 | 0.27 | 0.32 | 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:** Steel blue-gray

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Vistacool*®*”* (2) *“Azuria*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Vistacool®”*** 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 | 0.23 | 0.26 | 23% |

**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:** Subtly reflective aqua-blue

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

# Type: Subtly Reflective Tinted Solar Control Low-E Insulating Glass

***“Vistacool*®*”* (2) *“Pacifica*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered), by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Vistacool®”*** 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 |
| 19% | 0.29 | 0.27 | 0.18 | 0.21 | 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:** Subtly reflective deep-blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool* ®*”* (2) *“Azuria*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 16% | 0.29 | 0.27 | 0.15 | 0.17 | 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:** Reflective aqua blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool*®*”* (1) *“Azuria*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 15% | 0.29 | 0.27 | 0.13 | 0.15 | 37% |

**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:** Reflective aqua blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool* ®*”* (2) *“Pacifica*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 10% | 0.29 | 0.27 | 0.13 | 0.15 | 10% |

**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:** Reflective deep-blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool*®*”* (1) *“Pacifica*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** by Vitro Architectural Glass

**Location:** First Surface (1)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 9% | 0.29 | 0.27 | 0.11 | 0.12 | 37% |

**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:** Reflective deep-blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool* ®*”* (2) *“Solarblue* ®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 13% | 0.29 | 0.27 | 0.15 | 0.17 | 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:** Reflective light sky-blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool*®*”* (1) *“Solarblue*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** by Vitro Architectural Glass

**Location:** First Surface (1)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 12% | 0.29 | 0.27 | 0.12 | 0.14 | 37% |

**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:** Reflective light sky-blue

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool* ®*”* (2) “*Solarbronze* ®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 12% | 0.29 | 0.27 | 0.14 | 0.16 | 14% |

**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:** Reflective warm-bronze

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool*®*”* (1) “*Solarbronze*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** by Vitro Architectural Glass

**Location:** First Surface (1)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 12% | 0.29 | 0.27 | 0.12 | 0.14 | 37% |

**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:** Reflective warm-bronze

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool* ®*”* (2) “*Solargray*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** 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 |
| 10% | 0.29 | 0.27 | 0.14 | 0.16 | 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:** Reflective cool light-gray

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

# Type: Reflective Tinted Solar Control Low-E Insulating Glass

***“Solarcool*®*”* (1) “*Solargray*®*”* + *“Solarban*®*”* 90 (3) Clear** by Vitro Architectural Glass

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

**Indoor Lite:** Clear (transparent) Float Glass, Sputter Coated on third surface (3)

**Low-E Coating: *“Solarban®”*** 90 Solar Control (Sputtered) by Vitro Architectural Glass

**Location:** Third Surface (3)

**Reflective Coating: *“Solarcool®”*** by Vitro Architectural Glass

**Location:** First Surface (1)

# Performance Values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | U-Value Winter | U-Value Summer | SHGC | Shading Coefficient | Outdoor Visible Light Reflectance |
| 10% | 0.29 | 0.27 | 0.11 | 0.13 | 37% |

**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:** Reflective cool light-gray

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