**Type: Bird Safe Solar Control Low-E Clear Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 65 (2) Clear + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: Clear Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter Night | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 70% | 14% | 0.29 | 0.24 | 0.35 | 96 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 65 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser-etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 73% | 15% | 0.29 | 0.24 | 0.36 | 99 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 65 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 72% | 15% | 0.29 | 0.24 | 0.36 | 98 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 65 (2) Clear + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: Clear Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 70% | 14% | 0.29 | 0.24 | 0.35 | 96 | 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/)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 65 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser-etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 73% | 15% | 0.29 | 0.24 | 0.36 | 99 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 65 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser-etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 72% | 15% | 0.29 | 0.24 | 0.89 | 98 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 65 (2) Clear + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: Clear Glass, “**BirdSmart ™**” Laser-etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 70% | 14% | 0.29 | 0.24 | 0.35 | 96% | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 65 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser-etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 73% | 15% | 0.29 | 0.24 | 0.36 | 99 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 65 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 72% | 15% | 0.29 | 0.24 | 0.36 | 98 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 65 (2) Clear + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: Clear Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 70% | 14% | 0.29 | 0.24 | 0.35 | 96 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 65 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 73% | 15% | 0.29 | 0.24 | 0.36 | 99 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 65 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 65**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 72% | 15% | 0.29 | 0.24 | 0.36 | 98 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 70 (2)† + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: **†** Float Glass by Vitro Architectural Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2)

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 70**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**†Solarban®** **70** for annealed applications is applied to **Acuity®** glass; heat-treated applications will either require clear or **Acuity®** glass depending on manufacturing process.

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 64% | 13% | 0.28 | 0.24 | 0.27 | 91 | 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**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 72 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 68% | 13% | 0.28 | 0.24 | 0.28 | 95 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x2** pattern Threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x2 (1) Solarban® 72 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Inline 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 67% | 13% | 0.28 | 0.24 | 0.28 | 94 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 70 (2) † + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: **†** Float Glass by Vitro Architectural Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2)

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 70**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**†Solarban®** **70** for annealed applications is applied to **Acuity®** glass; heat-treated applications will either require clear or **Acuity®** glass depending on manufacturing process.

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 64% | 13% | 0.28 | 0.24 | 0.27 | 91 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 72 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 68% | 13% | 0.28 | 0.24 | 0.28 | 95 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Inline 2x4 (1) Solarban® 72 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Inline 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 67% | 13% | 0.28 | 0.24 | 0.28 | 94 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Inline 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 70 (2)†** **+ Clear”** by Vitro Architectural Glass

**Outdoor Lite**: **†** Float Glass by Vitro Architectural Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2)

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 70**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**†Solarban®** **70** for annealed applications is applied to **Acuity®** glass; heat-treated applications will either require clear or **Acuity®** glass depending on manufacturing process.

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 64% | 13% | 0.28 | 0.24 | 0.27 | 91 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 72 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 68% | 13% | 0.28 | 0.24 | 0.28 | 95 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x2 (1) Solarban® 72 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Shift 2x2”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 67% | 13% | 0.28 | 0.24 | 0.28 | 94 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x2** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 70 (2)† + Clear”** by Vitro Architectural Glass

**Outdoor Lite**: **†** Float Glass by Vitro Architectural Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2)

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 70**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**†Solarban®** **70** for annealed applications is applied to **Acuity®** glass; heat-treated applications will either require clear or **Acuity®** glass depending on manufacturing process.

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 64% | 13% | 0.28 | 0.24 | 0.27 | 91 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 72 (2) Starphire® + Starphire®”** by Vitro Architectural Glass

**Outdoor Lite**: **Starphire®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

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

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 68% | 13% | 0.28 | 0.24 | 0.28 | 95 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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

**Type: Bird Safe Solar Control Low-E Ultra-Clear Glass Insulating Glass**

**“BirdSmart™ Speck 6 Shift 2x4 (1) Solarban® 72 (2) Acuity® + Acuity®”** by Vitro Architectural Glass

**Outdoor Lite**: **Acuity®** (low-iron) Glass, “**BirdSmart ™**” Laser etch on first surface (1), Sputter Coated on second Surface (2) Float Glass by Vitro Architectural Glass

**Indoor Lite**: **Acuity®** (low-iron) Float Glass

**Laser Etch**: “**BirdSmart™ Speck Shift 2x4”**, First Surface (1) by Vitro Architectural Glass

**Low-E Coating**: “**Solarban® 72**” Solar Control (Sputtered) by Vitro Architectural Glass

**Location**: Second Surface (2)

**Performance Values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Visible Light Transmittance | Exterior Light Reflectance | U-Value Winter | U-Value (Argon) | SHGC | CRI | Threat Factor |
| 67% | 13% | 0.28 | 0.24 | 0.28 | 94 | 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](https://www.c2ccertified.org)). **BirdSmart™ Speck 6 Shift 2x4** pattern threat factor certified by the American Bird Conservatory (ABC).

**Outdoor Appearance**: Ultra-Clear

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