

Type: Solar Control Low-E Clear Insulating Glass**"Solarban®" 70XL (2) "Starphire" + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Starphire" Glass by PPG Industries, Inc., Sputter Coated on second surface (2) for annealed and some heat treated applications, depending on manufacturing process**Clear** Glass by PPG Industries, Inc., Sputter Coated on second surface (2) for heat treated applications, depending on manufacturing process,**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
64%	0.28	0.26	0.27	0.32	12%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Clear**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass**Type: Solar Control Low-E Clear Insulating Glass****"Solarban®" 70XL (2) "Atlantica"™ + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Atlantica" Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
51%	0.28	0.26	0.24	0.28	9%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Emerald Green, low reflective glass**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass

Type: Solar Control Low-E Clear Insulating Glass**"Solarban®"70XL (2) "Azuria™" + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Azuria" Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban"70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
52%	0.28	0.26	0.25	0.29	9%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Aqua Blue, low reflective glass**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass**Type: Solar Control Low-E Clear Insulating Glass****"Solarban®"70XL (2) "Solargray®" + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Solargray" Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban"70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
34%	0.28	0.26	0.20	0.23	6%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Gray**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass

Type: Solar Control Low-E Clear Insulating Glass**"Solarban®" 70XL (2) "Solexia™" + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Solexia" Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
58%	0.28	0.26	0.27	0.31	10%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Light Green, low reflective glass**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass**Type: Solar Control Low-E Clear Insulating Glass****"Solarban®" 70XL (2) "Solarbronze®" + Clear** by PPG Industries, Inc.**Outdoor Lite:** "Solarbronze" Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
40%	0.28	0.26	0.21	0.25	7%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Warm Bronze**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass

Type: Solar Control Low-E Clear Insulating Glass**"Solarban®"70XL (2) "Pacifica™" + Clear** by PPG Industries, Inc.**Outdoor Lite:** **"Pacifica"** Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** **"Solarban"**70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
32%	0.28	0.26	0.19	0.22	6%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Rich Blue**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass**Type: Solar Control Low-E Clear Insulating Glass****"Solarban®"70XL (2) "Solarblue™" + Clear** by PPG Industries, Inc.**Outdoor Lite:** **"Solarblue"** Glass by PPG Industries, Inc., Sputter Coated on second surface (2)**Indoor Lite:** Clear Float Glass**Low-E Coating:** **"Solarban"**70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Second Surface (2)**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
42%	0.28	0.26	0.23	0.26	8%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**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

"Solexia™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Solexia" Glass by PPG Industries, Inc.

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
56%	0.28	0.26	0.32	0.37	11%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

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

"Atlantica™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Atlantica" Glass by PPG Industries, Inc.

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for annealed and some heat treated applications, depending on manufacturing process

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
49%	0.28	0.26	0.28	0.32	10%

Approved Manufacturers: PPG Certified Fabricator Required.

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

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®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Azuria" Glass by PPG Industries, Inc.

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
49%	0.28	0.26	0.29	0.33	9%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

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
"Solarbronze®" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: **Bronze** Glass by PPG Industries, Inc.

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
38%	0.28	0.26	0.26	0.30	8%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Warm Bronze

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®" 70XL (3)** † by PPG Industries, Inc.**Outdoor Lite:** Gray Glass by PPG Industries, Inc.**Indoor Lite:** "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)***Low-E Coating:** "Solarban" 70XL (Sputtered) by PPG Industries, Inc.**Location:** Third Surface† **Solarban 70XL** for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
32%	0.28	0.26	0.24	0.27	7%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** 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®" 70XL (3)** † by PPG Industries, Inc.**Outdoor Lite:** "Graylite" Glass by PPG Industries, Inc.**Indoor Lite:** "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)***Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Third Surface (3)† **Solarban 70XL** for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
6%	0.28	0.26	0.11	0.13	4%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**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**"Solarblue™" + "Solarban®" 70XL (3) †** by PPG Industries, Inc.**Outdoor Lite:** **"Solarblue"** Glass by PPG Industries, Inc.**Indoor Lite:** **"Starphire"** Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for annealed and some heat treated applications, depending on manufacturing process**Low-E Coating:** **"Solarban"** 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Third Surface (3)† **Solarban** 70XL for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
40%	0.28	0.26	0.27	0.32	8%

Approved Manufacturers: PPG Certified Fabricator Required.**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** 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****"Pacifica™" + "Solarban®" 70XL (3) †** by PPG Industries, Inc.**Outdoor Lite:** **"Pacifica"** Glass by PPG Industries, Inc.**Indoor Lite:** **"Starphire"** Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for annealed and some heat treated applications, depending on manufacturing process**Clear** Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for heat treated applications, depending on manufacturing process**Low-E Coating:** **"Solarban"** 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Third Surface (3)† **Solarban** 70XL for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
31%	0.28	0.26	0.22	0.26	6%

Approved Manufacturers: PPG Certified Fabricator Required.**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Deep Blue**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass

Type: Subtly Reflective Solar Control Low-E Insulating Glass**"Vistacool™" (2) "Atlantica®" + "Solarban®" 70XL (3) †** by PPG Industries, Inc.**Outdoor Lite:** "Atlantica" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)**Indoor Lite:** "Starphire" Glass by PPG Industries, Inc., Pyrolitic Coated on third surface (3)***Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Third Surface (3)**Reflective Coating:** "Vistacool" (Pyrolitic) by PPG Industries, Inc.**Location:** Second Surface (2)† **Solarban** 70XL for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
38%	0.28	0.26	0.23	0.27	20%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**Outdoor Appearance:** Subtly Reflective Emerald Green**Insulating Unit Construction:** 1/4" (6mm) glass + 1/2" (13mm) air space + 1/4" (6mm) glass**Type: Subtly Reflective Solar Control Low-E Insulating Glass****"Vistacool™" (2) "Azuria®" + "Solarban®" 70XL (3) †** by PPG Industries, Inc.**Outdoor Lite:** "Azuria" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)**Indoor Lite:** "Starphire" Glass by PPG Industries, Inc., Pyrolitic Coated on third surface (3)***Low-E Coating:** "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.**Location:** Third Surface (3)**Reflective Coating:** "Vistacool" (Pyrolitic) by PPG Industries, Inc.**Location:** Second Surface (2)† **Solarban** 70XL for annealed applications is applied to **Starphire** glass; heat treated applications will require either clear or **Starphire** glass depending on manufacturing process.**Performance Values**

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
38%	0.28	0.26	0.24	0.27	21%

Approved Manufacturers: PPG Certified Fabricator Required**Certification:** Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).**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 Low-E Insulating Glass

"Vistacool™" (2) "Solargray®" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Solargray" (transparent) Float Glass by PPG Industries, Inc.

Indoor Lite: Clear (transparent) Float Glass, Low-E Coating "Solarban" 70XL (Pyrolitic) on third surface.

Tint Color: "Solargray" by PPG Industries, Inc.

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
25%	0.28	0.26	0.20	0.23	11%

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Subtly Reflective Gray, low reflective glass product

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

Type: Subtly Reflective Tinted Low-E Insulating Glass

"Vistacool™" (2) "Pacifica™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Pacifica" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for annealed and some heat treated applications, depending on manufacturing process

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Vistacool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
24%	0.28	0.26	0.19	0.22	11%

Approved Manufacturers: PPG Recommended Fabricator

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Subtly Reflective Deep Blue

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Solexia™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Solexia" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Solarcool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
22%	0.28	0.26	0.17	0.20	24%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Natural Green Matallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Azuria™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Azuria" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Solarcool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
19%	0.28	0.26	0.15	0.18	19%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Natural Green Metallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Solarbronze®" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: Solarbronze Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Solarcool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
15%	0.28	0.26	0.15	0.17	14%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Bronze Metallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Solargray®" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: Solargray Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Solarcool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
13%	0.28	0.26	0.14	0.16	11%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Gray Metallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Solarblue™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: **"Solarblue"** Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2).

Indoor Lite: **"Starphire"** Glass by PPG Industries, Inc., Sputter Coated on third surface (3) for annealed and some heat treated applications, depending on manufacturing process

Low-E Coating: **"Solarban"** 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: **"Solarcool"** (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
16%	0.28	0.26	0.15	0.18	14%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Sky Blue Metallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Pacifica™" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: **"Pacifica"** Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: **"Starphire"** Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: **"Solarban"** 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: **"Solarcool"** (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
12%	0.28	0.26	0.13	0.15	10%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Deep Blue Metallic

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

Type: Reflective Solar Control Low-E Insulating Glass

"Solarcool®" (2) "Graylite®" + "Solarban®" 70XL (3) † by PPG Industries, Inc.

Outdoor Lite: "Graylite" Glass by PPG Industries, Inc., Pyrolitic Coated on second surface (2)

Indoor Lite: "Starphire" Glass by PPG Industries, Inc., Sputter Coated on third surface (3)*

Low-E Coating: "Solarban" 70XL Solar Control (Sputtered) by PPG Industries, Inc.

Location: Third Surface (3)

Reflective Coating: "Solarcool" (Pyrolitic) by PPG Industries, Inc.

Location: Second Surface (2)

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

Performance Values

Visible Light Transmission	U-Value Winter	U-Value Summer	SHGC	Shading Coefficient	Outdoor Visible Light Reflectance
3%	0.28	0.26	0.09	0.11	5%

Approved Manufacturers: PPG Certified Fabricator Required

Certification: Both lites to be Cradle to Cradle certified, minimum Silver Level, by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com).

Outdoor Appearance: Bronze Metallic

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