

Approved

Alt #1

Alt #2

| Thickness (inches) | Transmittance UV % | Transmittance Visible % | Transmittance Total Solar % | Exterior Solar Reflectance % | Exterior Visible Reflectance % | Interior Visible Reflectance % | U-V value (Winter Nighttime) (Btu/hr * ft ² * °F) | U-V value (Summer Daytime) (Btu/hr * ft ² * °F) | Shading Coefficient (SC) | Solar Heat Gain Coefficient (SHGC) | Light To Solar Gain (LSG) | Thermal Stress Risk (If annealed glass) | |
|--|--------------------|-------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|--|--|--------------------------|------------------------------------|---------------------------|---|--|
| Vistacool® on Azuria® 6mm (2) Air 1/2" (12.7mm) 6mmClear_090PVB_6mmSB60(5)Clear | | | | | | | | | | | | | |
| 1/4" 1 5/16" | 0 | 39 | 14 | 11 | 22 | 25 | 0.45 | 0.47 | 0.34 | 0.30 | 1.30 | High | |
| Solarcool® on Solarblue® 6mm (2) Air 1/2" (12.7mm) 6mmClear_090PVB_6mmSB60(5)Clear | | | | | | | | | | | | | |
| 1/4" 1 5/16" | 0 | 16 | 7 | 12 | 15 | 29 | 0.45 | 0.47 | 0.30 | 0.26 | 0.62 | High | |
| Solarcool® on Pacifica® 6mm (2) Air 1/2" (12.7mm) 6mmClear_090PVB_6mmSB60(5)Clear | | | | | | | | | | | | | |
| 1/4" 1 5/16" | 0 | 12 | 5 | 7 | 10 | 29 | 0.45 | 0.47 | 0.25 | 0.22 | 0.55 | High | |

Specifications

Insulating Unit Construction
Vistacool® on Azuria® 6mm (2) | Air 1/2" (12.7mm) | 6mmClear_090PVB_6mmSB60(5)Clear

Outdoor Lite: Azuria® with a second surface Vistacool®
Indoor Lite: Laminate-6mmClear_090PVB_6mmSB60(5)Clear

Vitro Approved Manufacturers/Where to Buy Vitro Products: Vitro Certified™ Network

Certification: Vitro lite(s) are Cradle to Cradle certified by McDonough Braungart Design Chemistry, LLC (MBDC www.mbdc.com)

Note: Be aware that laminated glazing constructions may have increased optical distortion and/or strain indescence from stacked multiple individual layers especially when the glass lites are heat treated. In addition transmitted and reflective color differences can occur when a low-e or reflective coating is located adjacent to the interlayer material. A coating facing an airspace in an IG unit may appear a different color than the same coating in a laminate.

Insulating Unit Construction
Solarcool® on Solarblue® 6mm (2) | Air 1/2" (12.7mm) | 6mmClear_090PVB_6mmSB60(5)Clear

Outdoor Lite: Solarblue® with a second surface Solarcool®
Indoor Lite: Laminate-6mmClear_090PVB_6mmSB60(5)Clear

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Insulating Unit Construction
Solarcool® on Pacifica® 6mm (2) | Air 1/2" (12.7mm) | 6mmClear_090PVB_6mmSB60(5)Clear

Outdoor Lite: Pacifica® with a second surface Solarcool®
Indoor Lite: Laminate-6mmClear_090PVB_6mmSB60(5)Clear

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Note: Be aware that laminated glazing constructions may have increased optical distortion and/or strain indescence from stacked multiple individual layers especially when the glass lites are heat treated. In addition transmitted and reflective color differences can occur when a low-e or reflective coating is located adjacent to the interlayer material. A coating facing an airspace in an IG unit may appear a different color than the same coating in a laminate.

Azuria®: Azuria® tinted glass delivers spectrally selective performance (in thicknesses of 1/4"/6mm or greater) with a unique aqua blue appearance.

Pacifica®: Pacifica® tinted glass delivers a rich blue appearance.

Solarban® 60: Solarban® 60 glass is a mid-range MSVD solar control low-e glass. Though the coating is transparent (on clear or Starphire® Ultra-Clear glass), it can also be paired with, or applied directly on most Vitro tinted glasses in an insulating glass unit.

Solarblue®: Solarblue® tinted glass delivers a light blue appearance.

Solarcool®: Solarcool® reflective glass is a pyrolytic coating that can be used on the first or second surface of selected Vitro tinted glasses. On the second surface, it provides a bright metallic bronze appearance, modifying the color of the substrate. On the first surface it creates a mirror-like metallic surface. Solarcool® glass is not considered low-e, but can be paired with a Vitro low-e glass in an insulating glass unit.

Vistacool®: Vistacool® subtly reflective, color enriched tinted glass is a pyrolytic coating used on the second surface of selected Vitro tinted glasses to provide a gentle, crisp silver-