

Project: Busy Bee #7

Customer: Suwannee Glass, Inc.

Fabricator: Trulite Glass & Aluminum Solutions

Thickness (inches)	Transmittance UV %	Transmittance Visible %	Transmittance Total Solar %	Exterior Solar Reflectance %	Exterior Visible Reflectance %	Interior Visible Reflectance %	U-Value (Winter Nighttime) (Btu/hr *ft ² *°F)	U-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)
Azuria® 6mm Air 1/2" (12.7mm) Solarban® 60 on Clear 6mm (3)												
1 "	13	54	21	7	9	10	0.29	0.27	0.36	0.31	1.74	High



Specifications

Insulating Unit Construction

Azuria® 6mm | Air 1/2" (12.7mm) | Solarban® 60 on Clear 6mm (3)

Outdoor Lite: Azuria® 6mm

Indoor Lite: Clear with a third surface Solarban® 60

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)

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

The results represent Center-of-Glass performance data based on ANSI/NFRC 100 and ANSI/NFRC 200 Environmental Design Conditions utilizing the LBNL Window 7.3 software program according to the procedures in ANSI/NFRC 100, ANSI/NFRC 200, and NFRC 300. Performance data is based on representative samples of factory production. Actual values may vary slightly due to variations in the production process. This data is to be used for comparison purposes and should not be considered a contract. For configurations that include diffuse components, performance results cannot be verified and should only be used as a general indication of performance. It is the recipient's responsibility to ensure the manufacturability of the above glazing configurations as well as evaluating appropriate design considerations such as wind and snow load analysis, thermal stress analysis, and local building code compliance. Vitro makes no warranty or guarantee as to the results obtained by the user and assumes no responsibility for the accuracy of the data from non-Vitro manufacturers utilized in the above simulations. Vitro recommends that a full size mock-up be reviewed under the specific job-site conditions and retain the mock-up as a basis of acceptable product.

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Glass colors represented are approximate.

While Vitro has made a good faith effort to verify the reliability of this computer based tool, it may contain unknown programming errors that may result in incorrect results. The user is encouraged to use good judgment and report any questionable results to Vitro for evaluation. The applicability and subsequent results of data simulated by this tool will be compromised if the user fails to input the correct information. Vitro makes no warranty or guarantee as to the results obtained by the user of this tool and assumes no responsibility for the accuracy of the data from non-Vitro manufacturers available for simulations in this program.