



AUBURN® E+ DATA SHEET

PERFORMANCE TESTING

TEST DESCRIPTION	METHOD	RESULTS & COMMENTS
U-Factor	Simulated based on ASTM standards	.493
CRF	Simulated based on ASTM standards	54
CR	Simulated based on NFRC 500 standards	41
Air Infiltration	ASTM E-283 AAMA/WDMA 1600 I.S. 7	< 0.05 cfm/ft ² @ 6.24 psf SSKG-HC40 (< 0.10 cfm/ft ² @ 6.24 psf)
Water Penetration	ASTM E-331 AAMA/WDMA 1600 I.S. 7 AAMA 501.2	No Water Penetration @ 15psf SKG-HC40 (No Water Penetration @ 6psf) No Water Penetration
Structural Performance	ASTM E-330 AAMA/WDMA 1600 I.S. 7	Permanent set less than 0.1% of max span @ ±60psf Permanent set less than 0.4% of max span @ ±60psf

GENERAL INFORMATION

DESCRIPTION	COMMENTS
Framing Material	Extruded Aluminum: ASTM B-221, Alloy 6063-T6, 6061-T5, or equivalent Material alloy, temper and thickness shall be as required for loading, deflection, cross-sectional configuration and finish
Glazing Strips	Material - EPDM rubber (ASTM C-864 and C-1115) Hardness - 70 Durometer / Color - Black
Flashing	Material - Alloy 5005-H34 or equivalent - rigid foam insulated Minimum Thickness - 0.040 inch
Setting Blocks	Material - Extruded Type II EPDM rubber Hardness - Type A 80 Durometer / Color - Black
Condensation Control System	Skylight system provided with an integrated gutter system on all framing members, including rafters Built-in condensation system allows for minimal dependency on sealants
Glazing Caps	Fiber reinforced thermoset profiles with extruded aluminum fastener covers (aluminum - 6063-T6) to match system framing.
Fasteners	Material - Aluminum (ASTM B-211/Alloy 2024-T4) / Stainless Steel (ASTM A-193, Series B8 300) / Aluminum Rivets (ASTM B-316) / Material for Exterior Cap Retainers - Stainless steel screws (ASTM A-193, Series B8 300)
Sealants	Nonstructural Flush Glazed Joints and Weather Seal Joints: Silicone sealants Apply in accordance with sealant manufacturer's instructions
Structural Sealants	High performance silicone sealant applied in accordance with manufacturer's recommendations: Capable of withstanding 50 percent movement in both extension and compression (total of 100 percent movement) when tested according to ASTM C 719. Non-sag and neutral-curing silicone sealants. Complies with ASTM C 920, Type S, Grade NS, Class 50, Use NT; SWRI validated
Glass	Performance will vary with glazing composition. <i>(**Performance testing listed above completed using 1" Solarban® 60 glazing)</i>
Finishes	Anodized Coating: Architectural Class I clear anodized (Type AA-M10C22A41) Pigmented Organic Coating (AAMA 2604)

NOTE: All information is based on testing as reported by independent test agencies. Major Industries, Inc. strives to create the most advanced product in the daylighting industry. As a result, products, materials and test results are subject to change without notice. Values may also vary with custom system configurations. Please contact Major Industries, Inc. with any questions.

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