

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

Performance characteristics will depend on the color, insulation and/or thickness desired. The following charts will assist you in making the proper glazing choices:

PERFORMANCE CHARACTERISTICS – ACRYLIC

COLOR	TRANSMITTANCE % (1)	SHADING CO-EFFICIENT (2)	
		Single Glaze	Double Glaze
BRONZE (2412)	Visible 27%	0.53	0.43
CLEAR	92%	0.97	0.89
WHITE (2447)	53%	0.68	0.63

SINGLE GLAZE	U-VALUE (3)	
	SUMMER	WINTER
DOUBLE GLAZE (1" airspace)	0.80	1.20
	0.50	0.70

PERFORMANCE CHARACTERISTICS - GLASS*

COLOR	SC (2)	TRANSMITTANCE % (1)		U-VALUE (3)		SHGC (4)
		Visible	Total Solar	Winter	Summer	
CLEAR-Single Glaze	0.91	0.88	0.72	1.0	1.0	0.78
CLEAR-Dual Glaze	0.79	0.79	0.57	0.47	0.49	0.69
CLEAR w/ Solarban 60 LoE-Dual Glaze	0.44	0.70	0.32	0.29	0.27	0.38
BRONZE TINT-Single Glaze	0.78	0.67	0.56	1.0	1.0	0.67
BRONZE TINT-Dual Glaze	0.58	0.47	0.37	0.47	0.49	0.50
GREY TINT-Single Glaze	0.75	0.61	0.52	1.0	1.0	0.65
GREY TINT-Dual Glaze	0.51	0.39	0.30	0.46	0.49	0.44
SUNGLASS GRAY LoE-Dual Glaze	0.29	0.49	0.20	0.28	0.26	0.25
TRANSLUCENT WHITE-Single Glaze	0.77	0.65	0.57	1.0	1.0	0.67
TRANSLUCENT WHITE-Dual Glaze	0.72	0.58	0.45	0.47	0.49	0.63

*1/4" thickness, 1/2" airspace between dual glazed units.

- (1) Light transmission compares the percentages of visible spectrum light energy to that of an unglazed opening of the same solar exposure.
- (2) Shading co-efficient is the ratio of solar heat gain through a glazing system compared to solar heat through a single lite of DSB (1/8") sheet glass under the same conditions assuming a solar intensity of 248 Btu/sq. ft.
- (3) U-Value is the overall co-efficient of heat transmission or thermal transmittance (air-to-air) in Btu/hour/sq. ft./°F.
- (4) Solar Heat Gain Coefficient (SHGC) measures the fraction of solar energy transmitted and describes how well the product blocks heat caused by sunlight.

UNIT SKYLIGHT SPECIFICATIONS

The skylight(s) shall be _____ type, (i.e. fixed, curb-mounted) as manufactured by Leslie Skylights, 1601 Ord Way, Oceanside, CA 92056. Extrusions shall be designed with condensation gutters and weep holes leading outside the unit. The skylight shall be framed with extruded aluminum alloy 6063 T-5 with sufficient sections to satisfy requirements of loading and deflection. Gaskets within glazing framework shall be non-migrating neoprene rubber or glazing tape. Sealant shall be 100% silicone, Tremsil 600 or equivalent. Finish shall be _____ (mill, bronze/clear anodized or painted - specify type and color). Unit shall be _____ (single, double, triple) glazed with _____ (See options under "Performance Characteristics." Architect to specify glazing, thickness and color). All Leslie Skylights meet or exceed 2010 C.B.C. requirements.

LESLIE Skylights

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