

TECHNICAL INFORMATION SHEET

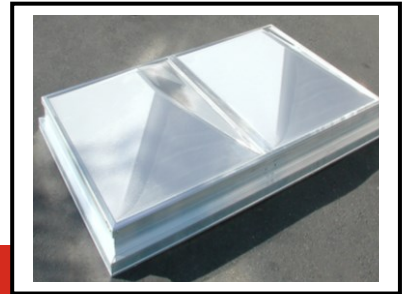
SunWave™ Multi-Lite

Item Description

Larger Architectural Type Skylight

Item Number

Custom



Product Information

SunWave Multi-Lite Options:

Class 1 Units offers Acrylic outer lens options in a single*, double, and triple* glazed configuration.

- 50% Impact Modified 0.181" or 0.230" Acrylic outer lens for single glazed units; and subsequent 50% Impact Modified 0.120" interior lenses for double and triple glazed units.
- Single glazed units are intended for unconditioned space
- Class 1 domes are hail rated up to 1.25".

Polycarbonate Units offer Polycarbonate outer lens options in a single* and double glazed.

- 0.165" Polycarbonate outer lens for single glazed units; 0.125" inside lens for double glazed units; and subsequent 0.125" interior lenses for triple glazed units.
- Single glazed units are intended for unconditioned space
- Polycarbonate (Class 4) units are hail rated up to 2".

Method of Application:

1. Install in accordance with current Firestone specifications, details, and workmanship requirements.
2. Fasteners packaged with SunWave Daylights include #12 x 1½" (38 mm) 300 series stainless steel screws with neoprene/stainless steel bonded washers.
3. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, and grease.

Storage:

- Store products in manufacturer's unopened packaging until ready for installation.
- Store materials in a dry area, protected from freezing, staining, contamination or damage.

Precautions:

- To provide fall protection, a Safety-Security Guard (SSG) Screen is integrated into all SunWave curbs; see SunWave Roof Curb TIS #1802. Installer shall be responsible for fall protection when SunWave curbs are not used.
- SunWave Daylighting Systems not for use in harsh, corrosive, marine and high-humidity environmental conditions such as marina, greenhouses, petrochemical facilities or other chemicals where Daylights may be exposed to such conditions.
- Skylights should not be installed in locations with operating temperatures in excess of -75 °F (-59 °C) or 180 °F (82 °C).

NOTE: No plastic skylight of any kind is immune to degradation over time and any skylight would be unlikely to continue to meet the OSHA 1926.502 requirements after having been exposed to 10 to 20 years of UV radiation. It is imperative building owners, contractors, designers, and architects comply with OSHA section 1910.23(a)(4) and install an appropriate guard or screen to prevent injuries to third parties.

Cleaning Plastic Lenses:

Frequency of cleaning is determined by site conditions. When cleaning acrylic lenses, use only water or water with a mild soap. Use a soft rag to minimize scratching the acrylic. A pressure washer is acceptable to use as well. Never use ammonia, aromatic or petroleum based products to clean acrylic lenses. This will cause deterioration and cracking of the lens and will void the warranty.

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Compliance Information:

Tested in accordance to AAMA/WDMA/CSA101/I.S.2/A440-08: North American Fenestration Standard/Specification for windows, doors, and skylights.

LEED® Information:

Post Consumer Recycled Content: 50%

Post Industrial Recycled Content: 12.5%

Manufacturing Location: Sacramento, California

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Typical Properties

SunWave Component	Specification Description					
Class 1	Single	Double		Triple		
Dome Material	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
Thickness	.181" or .230"	.181" or .230"	.120"	.181" or .230"	.120"	.120"
Impact Modification	50%	50%	50%	50%	50%	50%
Hail Rated (Class 1)	1.25"	1.25"		1.25"		
SHGC (Solar Heat Gain Coefficient)	.68	.48		.39		
U-Factor	N/A	.72		.60		
VLT (Visible Light Transmittance)	.74	.68		.62		
Polycarbonate	Single	Double		Triple		
Dome Material	Poly	Poly	Poly	Poly	Poly	Poly
Thickness	.165"	.165"	.125"	.165"	.125"	.125"
Hail Rated (Class 4)	2"	2"		2"		
SHGC (Solar Heat Gain Coefficient)	.68	.48		.39		
U-Factor	N/A	.72		.60		
VLT (Visible Light Transmittance)	.74	.68		.62		

Please contact the Technical Services Department at 1-800-428-4511 for further information.

This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.