

TECHNICAL INFORMATION SHEET

Military Grade Skylight

Item Description

Fixed Skylight



Product Information

Description:

The Military Grade Skylight is designed to be used in Department of Defense (DOD) rated construction sites.

Features / Benefits:

- Tested to meet requirements for ASTM F1642 – 12 and GSA-TS01-2003.
- SunWave™ Prismatic optics to capture more light during the day with 100% diffusion
- The Only prismatic skylight tested to meet the highest performance standard for GSA-TS01-2003 and ASTM F1642 – 12.
- All aluminum frame with condensation gutter and integrated thermal break
- Polycarbonate lenses increasing strength and fire resistance.
- Available in select sizes – 24ft² to 35.2ft².

Method of Application:

1. Install in accordance with current Firestone specifications, details, and workmanship requirements.
2. 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).

LEED® Information:

Post Consumer Recycled Content: 50%

Pre-Consumer Recycled Content: 25%

Manufacturing Location: Conyers, GA; Sacramento, CA

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

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Cleaning Polycarbonate Lens:

Frequency of cleaning is determined by site conditions. When cleaning plastic lenses, use only water or water with a mild soap. Use a soft rag to minimize scratching the plastic. 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.

Typical Properties

SunWave Component	Specification Description		
	Military Grade	Single Glazed	Double Glazed
Dome Material	Polycarbonate	Polycarbonate	Polycarbonate
Thickness	.230"	.230	.125
Impact Modification %	N/A	N/A	N/A
Hail Resistance (Class 4)	2.0"	2.0"	
SHGC (Solar Heat Gain Coefficient)	.68	.48	
U-Value	N/A	.72	
VLT (Visible Light Transmittance)	.70	.65	

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

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