

# TECHNICAL INFORMATION SHEET

## External Fall Protection

### Item Description

Externally Mounted Fall Protection



## Product Information

### Description:

SunWave External Fall Protection is utilized as fall protection and are made of 3/16" (0.1875" or 4.8 mm) galvanized cold roll steel spaced 4" on-center both directions, with 75,000 psi tensile strength External Fall Protection is sold separately for retro-fit applications and are OSHA compliant (see Compliance Info below) with proper installation of SunWave Skylight.

### Method of Application:

1. Installed at the jobsite with provided clips and screws.

### 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.

### LEED® Information:

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Sacramento, CA

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

### Compliance Information:

**OSHA Regulation Section 1926.502(i)(2)** applies to skylight covers being placed in the openings in a roof at the time of installation. This regulation states "All [other] covers shall be capable of supporting, without failure, at least twice the weight of employees, equipment, and materials that may be imposed on the cover at any one time." An independent third-party testing laboratory performed a 400 pound drop test on a SunWave unit which resulted in no damage after impact and five minutes of continued exposure. Therefore, when properly installed to a building architecturally designed for, and supportive of skylights, SunWave Daylights are considered compliant with this OSHA requirement.

**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.

**OSHA Section 1910.23(a)(4)** establishes the requirements for all skylight roof openings. This regulation states, "Every skylight floor opening, and hole shall be guarded by a standard skylight screen or a fixed standard railing on all exposed

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sides.” To ensure that our products comply with this OSHA regulation, all Firestone SunWave Curbs include standard integrated fall protection screens. These screens come factory-installed in our curbs, ensuring that all of our curb installations meet the regulation. Therefore, when properly installed to a building architecturally designed for, and supportive of skylights, SunWave Daylights are considered compliant with this OSHA requirement.

However, please note that Firestone Building Products Company, LLC is not responsible for the installation or architectural designs required for proper use of Firestone SunWave products. Use of a certified installer and consultation with an architect before using Firestone SunWave products is advised.

### Typical Properties

<u>Available Sizes (Skylight Size)</u>	<u>Width</u>	<u>Length</u>
4040	51-1/4 Inch	51-1/4 Inch
4080	52-1/4 Inch	100-1/4 Inch
5060	63-5/8 Inch	75-5/8 Inch

Please contact Quality Building Services Technical 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.*