

# TECHNICAL INFORMATION SHEET

## SunWave™ Accessories



### Item Description

Safety Screens (Shown in photo)  
Burglar Bars

## Product Information

### Description:

**SunWave Safety Screens** are utilized as fall protection and are made of 3/16" (0.1875" or 4.8 mm) galvanized cold roll steel spaced 6" on-center both directions, with 75,000 psi tensile strength (4" (10.2 cm) on-center available for Cal/OSHA Standards). Safety Screens are factory-installed on SunWave Curbs (see TIS #1802), and are OSHA compliant (see Compliance Info below) with proper installation of SunWave Curb. Safety Screens are sold separately for retro-fit applications. Please verify inside dimension of existing curb before ordering.

**SunWave Burglar Bars** are utilized to inhibit easy intrusion through skylights. SunWave Burglar Bars are made of 1/2" (0.5" or 12.7 mm) galvanized cold roll steel, spaced 8" on-center both directions. Burglar Bars can be ordered preinstalled on curb or ordered separately for retro-fit applications. Please verify inside dimension of existing curb before ordering.

### Method of Application:

SunWave Safety Screens and Burglar Bars will be factory-installed or can be installed at the job site with provided 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.

### Shipping Information:

Safety Screens: 100 per pallet

Burglar Bars: 25 per pallet

### 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 Prismatic Skylights are considered compliant with this OSHA requirement.

## TECHNICAL INFORMATION SHEET

### SunWave™ Accessories

#### Compliance Information Continued:

**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 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 our curb installations meet the regulation. Therefore, when properly installed to a building architecturally designed for, and supportive of skylights, SunWave Prismatic Skylights 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.

### SunWave Accessories

Skylight Model	OD Curb Dimensions		ID Curb Dimensions		Accessories	
	Width	Length	Width	Length	Screens	Burglar Bars
2020	26"	26"	23"	23"	*	* Consult your Sales Representative for more information on this products availability.
2040	26"	26"	23"	47"	W56RACDL38	
2080	26"	26"	23"	95"	*	
20100	26"	122"	23"	119"		
3030	38"	38"	35"	35"	W56RACDL99	
3050	38"	62"	35"	59"		
3060	38"	74"	35"	71"		
3080	38"	98"	35"	95"	*	
30100	38"	122"	35"	119"	W56RACDL39	
4040	50"	50"	47"	47"		
4050	50"	62"	47"	59"	*	
4060	50"	74"	47"	71"		
4070	50"	86"	47"	83"		
4080	51"	99"	48"	96"	W56RACDL40	
40100	51"	122"	48"	119"	*	
5050	62"	62"	59"	59"	W56RACDL41	
5060	62.375"	74.375"	59.375"	71.375"	W56RACDL42	
5070	62"	86"	59"	83"	*	
5080	62"	98"	59"	95"	W56RACDL79	
50100	62"	122"	59"	119"	*	

\* Consult your Sales Representative for more information on this products availability.

### Custom Ordering\*

Quantity	OD Curb Dimension		ID Curb Dimension	
	Width:	Length:	Width:	Length:

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.*