

TECHNICAL INFORMATION SHEET

SunWave™ Roof Curb

Item Description

Metal Curbs

ARC3 - Insulated - Non-Structural - (18 or 14 ga)

ARC6 - Non-Insulated - Structural - (14 ga)

Wood Curbs



Product Information

Description:

ARC 3 Insulated Non-Structural (18 or 14 ga) metal curbs are fabricated from galvanized steel with a white painted interior, including 1½" thick rigid foam insulation. A pressure treated wood nailer is also included on ARC 3 curbs.

ARC 6 Non-Insulated Structural (14 ga) and Non-Structural (18 ga) metal curbs are fabricated galvanized steel with a white painted interior, and pressure treated wood nailer for mounting skylight. **NOTE:** Rigid insulation (not provided) to be installed provided prior to flashing installation.

Wood Curbs are made from #2 Douglas Fir Lumber. 18-gauge galvanized corner straps secure the corners. 18-gauge angle clips are pre-mounted to secure the curb to the roof deck.

SunWave Safety Screens (all curbs) are utilized as fall protection and are made of 3/16" (0.1865" or 4.8 mm) galvanized cold roll steel spaced 6" on-center (4" 10.2 cm) on-center available for Cal/OSHA Standards). Safety Screens are factory-installed on SunWave Curbs, and are OSHA compliant (see Compliance Info below) with proper installation of SunWave Curb. Safety Screens are sold separately for retro-fit applications (See TIS 1813). 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 ½" (0.5" or 12.7 mm) galvanized cold roll steel, spaced 8" on-center. Burglar Bars can be ordered preinstalled on curb or ordered separately for retro-fit applications (See TIS #1813). Please verify inside dimension of existing curb before ordering.

Method of Application:

- Install in accordance with current Firestone specification, details, and workmanship requirements.
- 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.

LEED® Information:

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: **Metal Curbs:** Sacramento, CA; Tallassee, AL; Weatherford, TX; Wheeling, WV; Yerington, NV

Wood Curbs: Sacramento, CA

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

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Compliance Information:

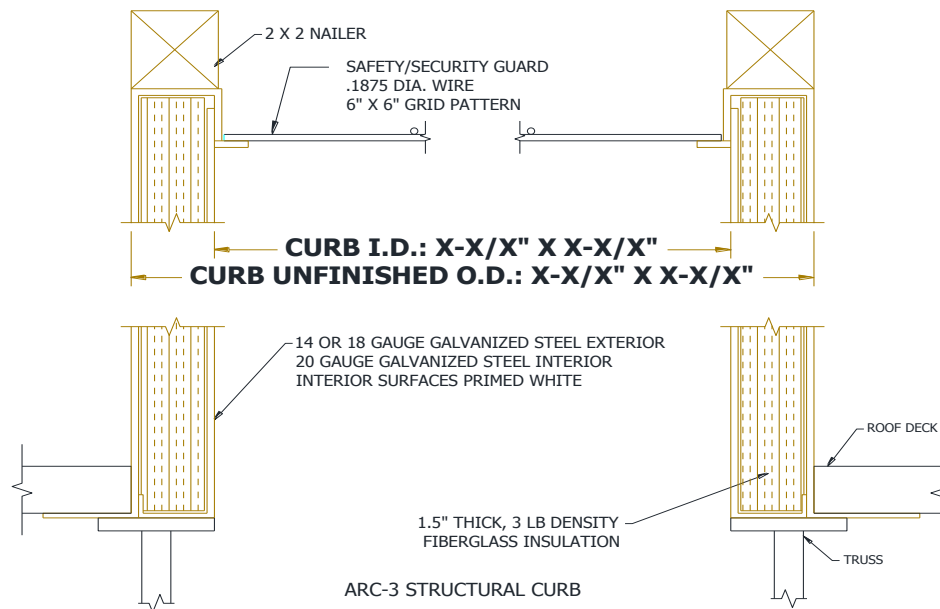
OSHA Regulation Section 1926.502(i)(2) applies to skylight covers being placed in the openings in a roof *at the time of installation*. This regulation states "All [other] covers shall be capable of supporting, without failure, at least twice the weight of employees, equipment, and materials that may 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.

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.

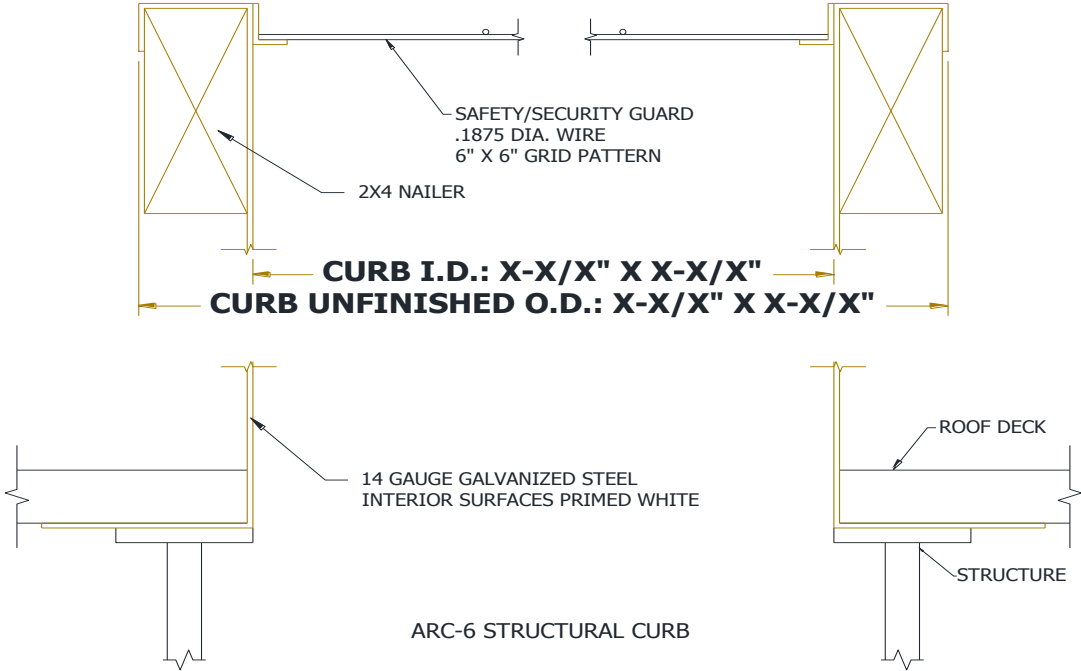
Design Specification: ARC3



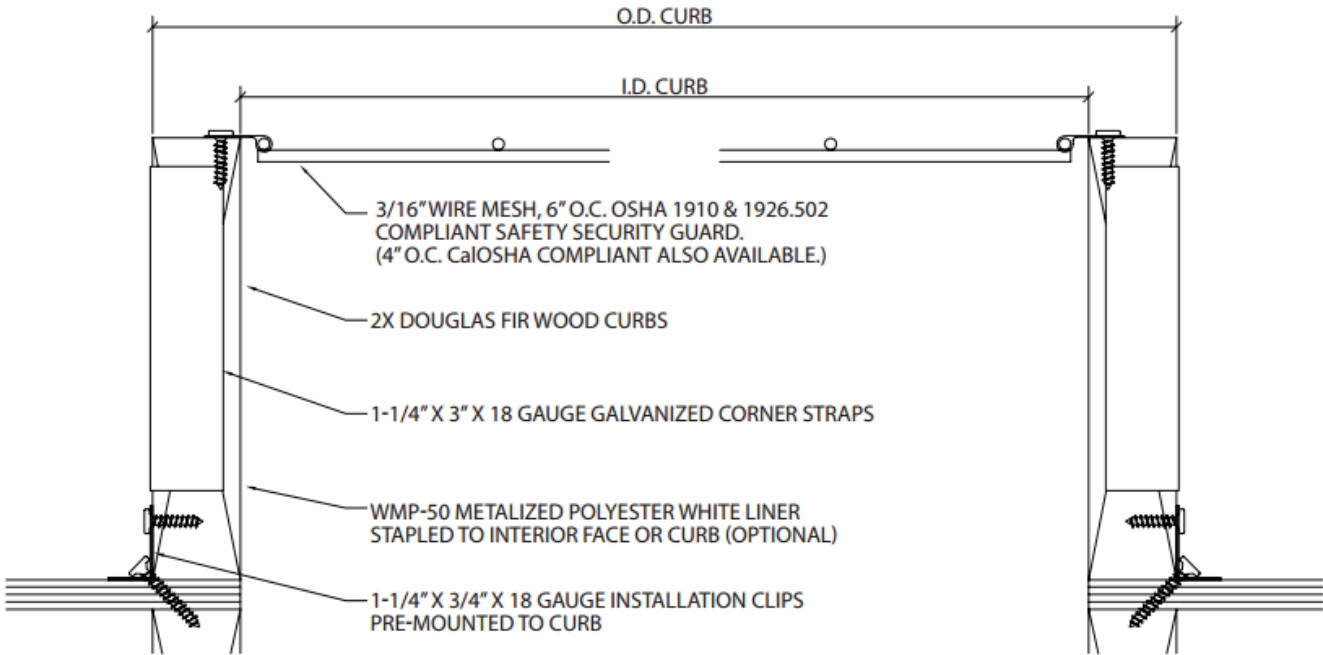
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Design Specification: ARC6



Design Specification: Wood Curb



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ARC 3 Insulated, Non-Structural (18 ga) Metal Curb (14 ga available by request)

Skylight Model	OD Curb Dimensions		ID Curb Dimensions		Height		
	Width	Length	Width	Length	9"	12"	14"
2020	26"	26"	23"	23"	W56SUNA38221	W56SUNA38222	W56SUNA38223
2040	26"	50"	23"	47"	W56RACDL12	W56RACDL13	W56RACDL14
2080	26"	98"	23"	95"	W56SUNA38281	W56SUNA38282	W56SUNA38283
20100	26"	122"	23"	119"	W56SUNA38211	W56SUNA38212	W56SUNA38213
3030	38"	38"	35"	35"	W56SUNA38331	W56SUNA38332	W56SUNA38333
3050	38"	62"	35"	59"	W56RACDL94	W56RACDL95	W56RACDL96
3060	38"	74"	35"	71"	W56SUNA38361	W56SUNA38362	W56SUNA38363
3080	38"	98"	35"	95"	W56SUNA38381	W56SUNA38382	W56SUNA38383
30100	38"	122"	35"	119"	W56SUNA38311	W56SUNA38312	W56SUNA38313
4040	50"	50"	47"	47"	W56RACDL15	W56RACDL16	W56RACDL17
4050	50"	62"	47"	59"	W56SUNA38451	W56SUNA38452	W56SUNA38453
4060	50"	74"	47"	71"	W56SUNA38461	W56SUNA38462	W56SUNA38463
4070	50"	86"	47"	83"	W56SUNA38471	W56SUNA38472	W56SUNA38473
4080	51"	99"	48"	96"	W56RACDL57	W56RACDL58	W56RACDL59
40100	51"	122"	48"	119"	W56SUNA38411	W56SUNA38412	W56SUNA38413
5050	62"	62"	59"	59"	W56RACDL18	W56RACDL19	W56RACDL20
5060	62.375"	74.375"	59.375"	71.375"	W56RACDL21	W56RACDL22	W56RACDL23
5070	62"	86"	59"	83"	W56SUNA38571	W56SUNA38572	W56SUNA38573
5080	62"	98"	59"	95"	W56RACDL70	W56RACDL71	W56RACDL72
50100	62"	122"	59"	119"	W56SUNA38511	W56SUNA38512	W56SUNA38513

ARC 6 Non-Insulated, Structural (14 ga) Metal Curb (18 ga available by request)

Skylight Model	OD Curb Dimensions		ID Curb Dimensions		Height		
	Width	Length	Width	Length	9"	12"	14"
2020	26"	26"	23"	23"	W56SUNA64221	W56SUNA64222	W56SUNA64223
2040	26"	50"	23"	47"	W56SUNA64241	W56SUNA64242	W56SUNA64243
2080	26"	98"	23"	95"	W56SUNA64281	W56SUNA64282	W56SUNA64283
20100	26"	122"	23"	119"	W56SUNA64211	W56SUNA64212	W56SUNA64213
3030	38"	38"	35"	35"	W56SUNA64331	W56SUNA64332	W56SUNA64333
3050	38"	62"	35"	59"	W56RACDL93	W56RACDL92	W56RACDL91
3060	38"	74"	35"	71"	W56SUNA64361	W56SUNA64362	W56SUNA64363
3080	38"	98"	35"	95"	W56SUNA64381	W56SUNA64382	W56SUNA64383
30100	38"	122"	35"	119"	W56SUNA64311	W56SUNA64312	W56SUNA64313
4040	50"	50"	47"	47"	W56SUNA64441	W56SUNA64442	W56SUNA64443
4050	50"	62"	47"	59"	W56SUNA64451	W56SUNA64452	W56SUNA64453
4060	50"	74"	47"	71"	W56SUNA64461	W56SUNA64462	W56SUNA64463
4070	50"	86"	47"	83"	W56SUNA64471	W56SUNA64472	W56SUNA64473
4080	51"	99"	48"	96"	W56RACDL56	W56RACDL55	W56RACDL54
40100	51"	122"	48"	119"	W56SUNA64411	W56SUNA64412	W56SUNA64413
5050	62"	62"	59"	59"	W56SUNA64551	W56SUNA64552	W56SUNA64553
5060	62.375"	74.375"	59.375"	71.375"	W56RACDL11	W56RACDL10	W56RACDL09
5070	62"	86"	59"	83"	W56SUNA64571	W56SUNA64572	W56SUNA64573
5080	62"	98"	59"	95"	W56RACDL69	W56RACDL68	W56RACDL67
50100	62"	122"	59"	119"	W56SUNA64511	W56SUNA64512	W56SUNA64513

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Wood Curbs (Douglas Fir #2)

Skylight Model	OD Curb Dimensions		ID Curb Dimensions		Height		
	Width	Length	Width	Length	8"	10"	12"
2020	26"	26"	23"	23"	W56SUNWOC221	W56SUNWOC222	*
2040	26"	50"	23"	47"	W56RACDL24	W56RACDL27	
2080	26"	98"	23"	95"	W56SUNWOC281	W56SUNWOC282	
20100	26"	122"	23"	119"	W56SUNWOC211	W56SUNWOC212	
3030	38"	38"	35"	35"	W56SUNWOC331	W56SUNWOC332	
3050	38"	62"	35"	59"	W56RACDL97	W56RACDL98	
3060	38"	74"	35"	71"	W56SUNWOC361	W56SUNWOC362	
3080	38"	98"	35"	95"	W56SUNWOC381	W56SUNWOC382	
30100	38"	122"	35"	119"	W56SUNWOC311	W56SUNWOC312	
4040	50"	50"	47"	47"	W56RACDL25	W56RACDL28	
4050	50"	62"	47"	59"	W56SUNWOC451	W56SUNWOC452	
4060	50"	74"	47"	71"	W56SUNWOC461	W56SUNWOC462	
4070	50"	86"	47"	83"	W56SUNWOC471	W56SUNWOC472	
4080	51"	99"	48"	96"	W56RACDL26	W56RACDL29	
40100	51"	122"	48"	119"	W56SUNWOC411	W56SUNWOC412	
5050	62"	62"	59"	59"	W56SUNWOC551	W56SUNWOC552	
5060	62.375"	74.375"	59.375"	71.375"	W56SUNWOC561	W56SUNWOC562	
5070	62"	86"	59"	83"	W56SUNWOC571	W56SUNWOC572	
5080	62"	98"	59"	95"	W56SUNWOC581	W56SUNWOC581	
50100	62"	122"	59"	119"	W56SUNWOC511	W56SUNWOC512	

* 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.