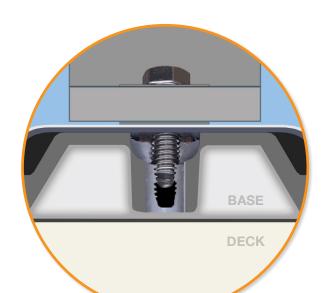


Flat Roof Attachment

Engineering Down to the Deck

Low-slope roofs (0-6°) are extremely common in residential and commercial buildings, but the roof construction and the structural system below vary significantly, creating a challenge for designing solar arrays.

The IronRidge Flat Roof Attachment combines a highstrength cast aluminum base with a 16-point fastening pattern to enable the widest range of design options on lowsloped roofs. In addition, it is compatible with most common low-slope roofing materials to ensure a system that is easy to integrate down to the deck.



Built-in Waterproofing

Sealed from above with a "blind hole" and pre-installed sealing washer, Flat Roof Attachment delivers integrated waterproofing with popular roofing systems, including single-ply and asphaltic.

High-Strength Aluminum Base

Made from high-strength cast aluminum, the 7" wide, heavy-duty base delivers superior uplift and lateral capacity compared to any other product on the market.

Compatible Roof Membranes

Formed membrane covers are matched to major roofing brands to ensure a tested, engineered system for TPO, PVC, and KEE roofs. No additional sealant required.

16-Point Fastening Pattern

12-straight and 4-angled fastening options provide maximum capacity and versatility with wood, steel, decks, beams, and even concrete slabs.



Flashing Membrane Selection

Refer to table for selecting proper roof membrane. Contact support@ironridge.com for approved alternatives.

Roof Type									
Material	Thickness	Color	Brand	SKU					
			Carlisle	FRA-M60T-CA-W1					
TPO	60 mil	White	Firestone	FRA-M60T-FS-W1					
TPO	60 mii	vvriite	GAF	FRA-M60T-GF-W1					
			Johns Manville	FRA-M60T-JM-W1					
PVC	60 mil	\Mbito	GAF	FRA-M60P-GF-W1					
PVC	60 11111	vvriite	White Sika Sarnafil	FRA-M60P-SN-W1					
KEE	60 mil	White	Carlisle	FRA-M60K-CA-W1					

Other Sealing Methods				
Henry's 957 Sealant (or similar)				
Three-Course Method (with roof coating)				
Chem Link 9" E-Curb				
Follow a Roofer's Recommendations				

Structural Selection

Refer to table to see how regional conditions, tilt angle, and rail size impacts the span between attachments.

Conditions			Rail Span					
Snow	Angle	Wind (MPH)	4'	5' 4"	6'	8'	10'	12'
0 PSF	5°	110						
		130						
		160						
	10°	110						
		130	XR10	XR100		XR1000		
		160				Aniooo		
	30°	110						
		130						
		160						
10-20 PSF		110						
	5°	130						
		160						
	10°	110						
		130						
		160						
	30°	110						
		130						
		160						
30-50 PSF	5°	110						
		130						
		160						
	10°	110						
		130						
		160						
	30°	110						
		130						
		160						