

Ballasted Roof Mounting System



Seriously easy.



Ballasted Roof Mounting System

Easy begins with a **Design Assistant**.

Real-time Bill of Materials Creation.

Intuitive designing without drafting.

Output all necessary engineering data and installation diagrams.

Optimize between lowest price and lightest roof weight.

	http://www.ironridg	e.com/tools/designassistant/ballasted	C Google	
	Site Conditions			
	Wind Exposure * ? Wind Speed * 3	Snow Load • ? Site in Seismic	Zone?	
	es mpn	Zo par i Ves		
	Fact	or • 🕐 Roof Friction • 🕐 Least Hor	izontal Dimension . 👔	
A	rray Properties 🦷	0.5 0.0	n	
De	eflectors \star 🕐 👘 \$0.00			
		ight • 🕐 Half Block Weight •		
		bs 13.5 lbs		
lea	ast ballast I			
			÷	
		Weight (b)	Distributed (psf)	
	loads	5,619	0.69	
	Ballest	28,548	3.52	
	Nodules	5,805	0.72	
		39.972	3.73	
	Racking + Ballast + Modules			
	Wind Load Down	11,875	1.46	
		11,875	1.46 20.00	
	Wind Load Down	11,875		
	Wind Load Down Ground Snow Load	11,873	20.00	



Specifications

Allowable Roof Slope Max Building Height Max Wind Speed Module Orientation Wind Exposure Module Tilt Angle Materials Up to 5 degrees (1:12) 60' 140 Mph Landscape Category B & C (D Upon Request) 10° G90 Galvanized Steel Ballast Trays 5052 Aluminum Wind Deflectors & Clamps Stainless Steel Fasteners Warranty Roof Loading Wind Tunnel Tested Installation Speed Roof Protection Integrated Tray Grounding Adapts to Slope Anomalies Design & BOM Software 20 Years As Low As 2.8 Psf Yes 12+ Modules / Person Hour Typical Recycled Rubber Yes Yes (Rail-less Design) Yes + CAD Blocks

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