	QRail System Components	2.3 Technical Data						
			Application Low and Steep Slope Roofs		USE QUICKMOUNT STANDARD ORAII			
			Roofing type	Suitable for most types of roof	fing			
	ard in various lengths	F	Roof slope	Up to - 45°(upto 12:12)				'4" SS 1
	Black finish		Building height	Up to 60 ft / 18.25 ¹ m			1/4" SS S ALLOW	ABLE L
		Trans	PV modules	Framed			DISTRIE	UTED
	eavy, Standard & Light QRail sizes		Module orientation	Landscape or portrait				
			Size of module array				SOLAR MODULE: 18.05 sq-	ít
						-	3/8" SS 18-8 BOLT	
							ALLOWABLE LOAD: 11,930	lbs.
			points		MAX. DISTRIBUTED LOAD: 800 5/16" SS LAG BOLT 5/16" SS FENDER WASHER)0 lbs`	
	able with optional WEEB bonding clip	8ft-lbf/11N-m	IBC/IRC 2015					
				ICC-AC428 2012			. DISTRIBUTED LOAD: 800 lbs	
	nps for modules from 30-45mm or 38-50mm thick	8ft-lbf/11N-m	Codes & Standards	ASCE 7-10			SEALANT	/
				ANSI/ UL 2703 Ed. 1				
		2-6		Aluminum Design Manual 201	0, 2015			
	n End Clamps	9ft-lbf/12N-m	Supporting profiles					
	rsal Bonding Mid Clamps w/ OClick Technology®•	\rightarrow \rightarrow						
	nps for modules from 30-45mm or 38-50mm thick	12ft-lbf/16N-m				Bolt Tension	And Shear	
						Strength	Chart	
						Tension Strengt Shear Strength	th(lb): 6,010 (lb): 5,300	
<complex-block></complex-block>			² The Quick Mount PV QDesign can be used to verify the structural adequacy of each specific project quickly and easily.		Tension Strength(lb): 14.830			
			³ Limited product warranty. Download full war	ranty on www.quickmountpv.com.		* Rails, L-Foot, Mid-clamps & En	d-clamps are extruded using one of the following	aluminum
								CULAT
	ITEM NO. 1	QCLICK, 17MM, AL, MILL 1			1 QCLICK, 17MM, AL, MILL 1		ZONE 3 Spruce, Pine, per inch Thread CORNER SS Lag Bolt 5/16"x4.5" Min. Thread D	
		AL, MILL ' RUBBER O-RING, 5MM ID X 2MM THK, BUNA-N 1		_	3 UNIVERSAL MID CLAMP, QRAIL, 40MM, AL, MILL 1			
		UNIVERSAL END CLAMP, QRAIL, UPPER, 40MM, 1				MAX UPLIFT 523 800	Allowable Pull Out Strength per Lac	
		CAP SCREW, SOCKET HEAD, M6 X 1.0 X 45MM, DIN 912, A2-70 SS		5			Lag Bolt Pull Out Strength Safety Fa	tor
				4	1.575 - 1.575 -	Step 1		50.
		1.395 - 1.575 -				asphalt, and other contaminants from penetration with a wire brush. Clean all smooth substrates with a second substrates with a second substrates with a second substrates with a second substrate second substrate second secon	ons with	
						or loose ranules. Seal the base of each penetrat with M-1 . Coat penetrations with M-1 to 3 above	tion	
						roof line.		
					Controlled Document Do Not Copy"	Hold a section of E-Curb , flat side up, and ap		
		TITLE:			TITLE:	Apply 1 additional 1/4 bead of M-1 down the cer of the section. o not tool the beads flat. Place	the and a second s	
	VAILABLE IN BONDING AND NON-BONDING VERSIONS	CLAMP, QRAIL	1 AVAILABLE IN TWO SIZ		CLAMP, V1.2, QRAIL	around the penetration(s). Press down firmly until I extrudes from the outside ed es.		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL± 1/8 TWO PLACE DECIMAL±.19			TOLERANCES: FRACTIONAL+ 1/8 A DATE: 5/10/2018 2			
	5 4 3 ITEM NO.		5	4 3	2 1 ITEM DESCRIPTION QTY	Apply M-1 to the second section of E-Curb as described above. Place the second section of curb on the r	roof	L ==
 A LURADE CARE IN A LURADE AND A LURADE A LUR		END CLAMP, QRAIL, 40MM, X 40MM, AL, MILL 1			2 RUBBER O-RING, 5MM ID X 2MM THK, BUNA-N 1	firmly in place until excess adhesive extrudes from outside ed es. Apply a bead of M-1 around the outs	the side	
Image: Contract of the contract	4	WASHER, STAR, M6, 18-8 SS 1			3 AL, MILL 1 4 WASHER, STAR, TIGHT-GRIP, M6, 18-8 SS 1 5 CAP SCREW, SOCKET HEAD, M6 X 1.0 X 45MM, 4	fillet. For non E-Curb penetrations seals, add M-		
Image: Contract Active Tree BLACK FARTY BLACK F					DIN 912, A2-70 SS		1-Parts	
Image: Construction of the second of the		MILL PART #BLACK PART #MODULE SIZEQMR-FEC31QMR-FEC31 B31MM		- 1.575		nozzle and pierce the foil seal. Insert into caulkin and pump E-Curb full. When usin a 1-Part pou	un ıch,	0
Image: Contract of the contract		QMR-FEC33 QMR-FEC33 B 33MM QMR-FEC35 QMR-FEC35 B 35MM				Note: To provide an adequate rubber seal, maintai 1 distance between penetrations and inside ed e	in a	
Image: Note:: Outer Fec.ds Advit Advi		QMR-FEC40QMR-FEC40 B40MMQMR-FEC42QMR-FEC42 B42MM					rom testin conducted in laboratory conditions. Properties and rest	
Image: Control of the contrel of the control of the control of the control of th		QMR-FEC46 QMR-FEC46 B 46MM				will vary dependin on environmental conditions and isit www.chemlink.com for the Safety ata Sheet, Te	application technique. Test and evaluate to determine appropriate usechnical ata uides and full warranty for this product.	isa e.
Multiple Multiple <td< td=""><td></td><td></td><td></td><td>5 4</td><td></td><td>If this C L material is proved to be defective</td><td>, return remainin product and purchase receipt for refund or replac</td><td>ement</td></td<>				5 4		If this C L material is proved to be defective	, return remainin product and purchase receipt for refund or replac	ement
SCALE 1:1 ITTLE: ITTLE: MOTES: SEE TABLE A FOR AVAILABLE IN MILL FINISH, AND BLACK FINISH UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV. ITTLE: TITLE: CMR-UMC-P2: UNIVERSAL MID CLAMP, QRAIL AN WARRANT IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTOR AND REV. TITLE: CMR-UMC-P2: UNIVERSAL MID CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV. THIS WARRANT IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTOR TITLE: TITLE: TITLE: CMR-UMC-P2: UNIVERSAL MID CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV. AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTABILIT OR FITNESS FOR A PARTICULAR PUR CLAMP, 2 PIN, QRAIL, W/ BONDING AN WARRANT OF MERCHANTAGE AN WARRANT O		Quick Mount PV			Quick Mount PV	must read and follow the direction of the current Techn of product for intended use and assumes all risks.	nical ata uide and S S prior to product use. User determines suit Manufacturer shall not be liable for dama es (includin consequ	ability iential
NOTES: 1 SEE TABLE A FOR AVAILABLE SIZES 2. ALL VERSIONS AVAILABLE IN MILL FINISH, AND BLACK FINISH UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV. NOTES: 1 AVAILABLE IN MILL FINISH, AND BLACK FINISH UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV. NOTES: 1 AVAILABLE IN MILL FINISH, AND BLACK FINISH UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD. REV.	SCALE 1:1	TITLE:			TITLE: QMR-UMC-P2: UNIVERSAL MID	THIS WARRANT IS IN LIEU OF ALL OTHER WAR INCLU IN AN WARRANT OF MERCHANTABIL	RANTIES, WRITTEN OR ORAL, STATUTOR,E PRESS OR IMI IT OR FITNESS FOR A PARTICULAR PURPOSE; except for the	PLIE above
DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN INCHES DIAWIN BY: RAD REV Vary from state to state. For warranty claim information. call 800-826-1681.	EE TABLE A FOR AVAILABLE SIZES	UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD REV	1 AVAILABLE IN TWO SIZ		UNLESS OTHERWISE SPECIFIED: SIZE DRAWN BY: RAD REV	THE USE OF THIS PRO UCT IN A MANNER TO INF RI HTS HEL B OTHERS. This warranty ives you	FRIN E ON AN PATENT OR AN OTHER INTELLECTUAL PROP I specific le al ri hts, and you may also have other ri hts in the U.S.	ERT
TOLERANCES: FRACTIONAL: 18 TOLERANCES: FRACTIONAL: 18 TOLERANCES: FRACT	CONTORNITAL CONTINUENT IN THIS DRAWING IS THE SOLE PROPERTY OF QUICK MOUNT PV. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE SION OF QUICK MOUNT PV IS PROHIBITE COPYRIGHT © 2016 QUICK MOUNT PV 5 4 3	TOLERANCES: FRACTIONAL ± 1/8 DATE: 12/18/2018 3	PROPRIETARY AND CONTIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PRO WRITTEN PERMISSION OF QUICK MOUNT PV IS PROHIBITE COPYR	PERTY OF QUICK MOUNT PV. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE DO NOT GHT © 2016 QUICK MOUNT PV 4 3	TOLERANCES: FRACTIONAL: 1/8 SCALE DRAWING TWO PLACE DECIMAL: ±.19			
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