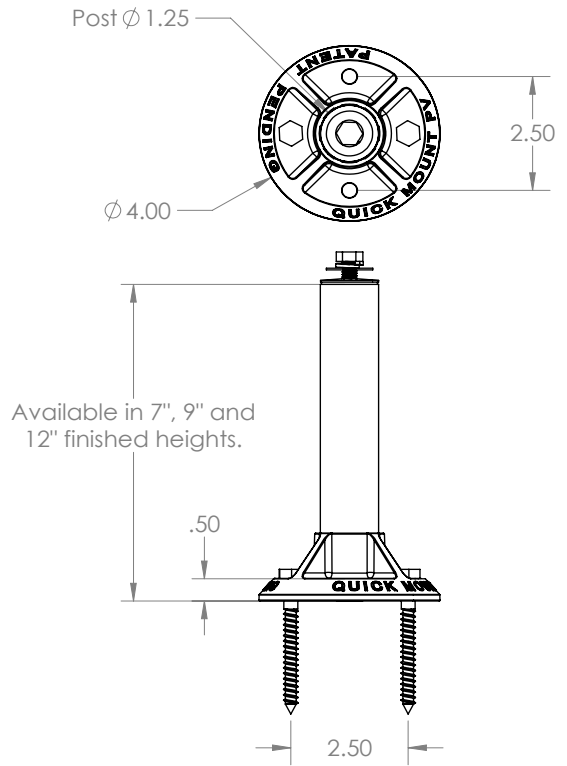
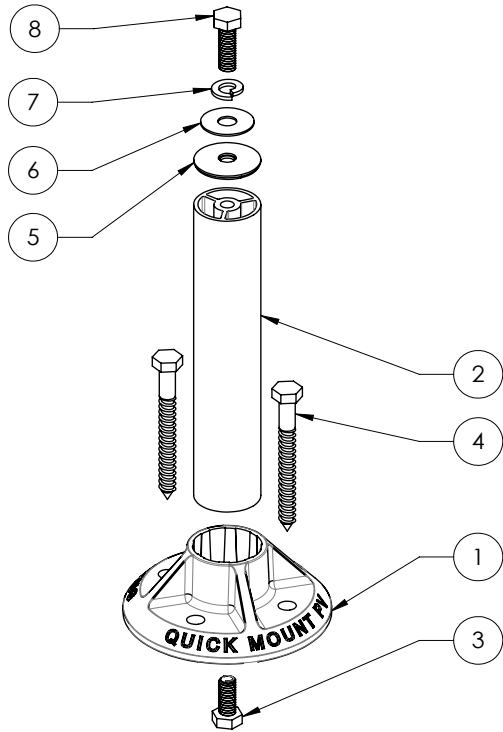


Low Slope Roof Mount | QMLSH



ITEM NO.	DESCRIPTION	QTY.
1	QBase, Low Slope Mount	1
2	Post, 1.25" OD x 6.5", 8.5", or 11.5", AL	1
3	Hex Bolt, 5/16" x 3/4", Grade 8	1
4	Lag Screw, Hex Head, 5/16" x 3", Zinc	2
5	Washer, Sealing, 5/16" ID x 1-1/8" OD, SS/EPDM	1
6	Washer, Fender, 5/16" X 1", SS	1
7	Washer, Split-Lock, 5/16", SS	1
8	Hex Bolt, 5/16" x 1", SS	1

PROPRIETARY AND CONFIDENTIAL
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DO NOT SCALE DRAWING

Quick Mount PV®

TITLE:
QMLSH: Low Slope Mount

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005	SIZE	DRAWN BY: JDA	REV
	A	DATE: 2/20/2012	1
	SCALE: 1:4	WEIGHT: 0.84	SHEET 1 OF 1

Lag pull-out (withdrawal) capacities (lbs) in typical lumber:

	Lag Bolt Specifications		
	Specific Gravity	2/ea 5/16" shaft per 2.5" thread depth	5/16" shaft per 1" thread depth
Douglas Fir, Larch	.50	1330	266
Douglas Fir, South	.46	1175	235
Engelmann Spruce, Lodgepole Pine (MSR 1650 f & higher)	.46	1175	235
Hem, Fir	.43	1060	212
Hem, Fir (North)	.46	1175	235
Southern Pine	.55	1535	307
Spruce, Pine, Fir	.42	1025	205
Spruce, Pine, Fir (E of 2 million psi and higher grades of MSR and MEL)	.50	1330	266

Sources: American Wood Council, NDS 2005, Table 11.2 A, 11.3.2 A

Notes:

- 1) Thread must be embedded in a rafter or other structural roof member.
- 2) See IBC for required edge distances.

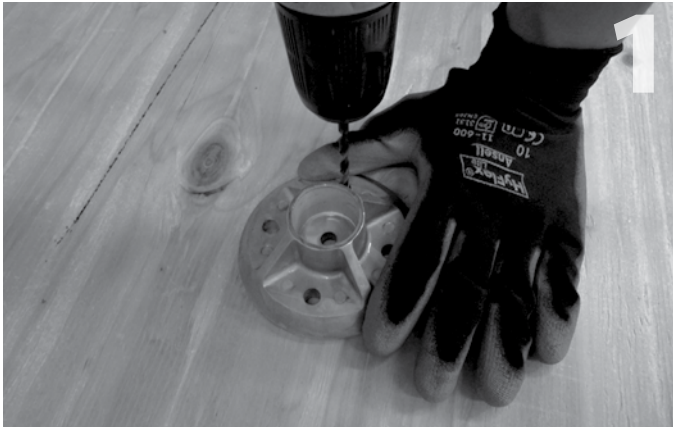


Quick Mount PV®

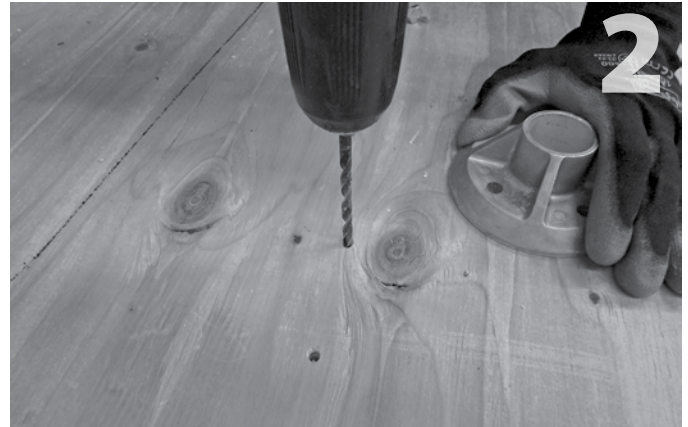
Low Slope Mounting Instructions

WARNING: Quick Mount PV products are NOT designed and should NOT be used to anchor fall protection equipment.

Installation Tools Required: Drill with 7/32" bit, impact gun with 1/2" socket, appropriate roof sealant, pencil, chalk line



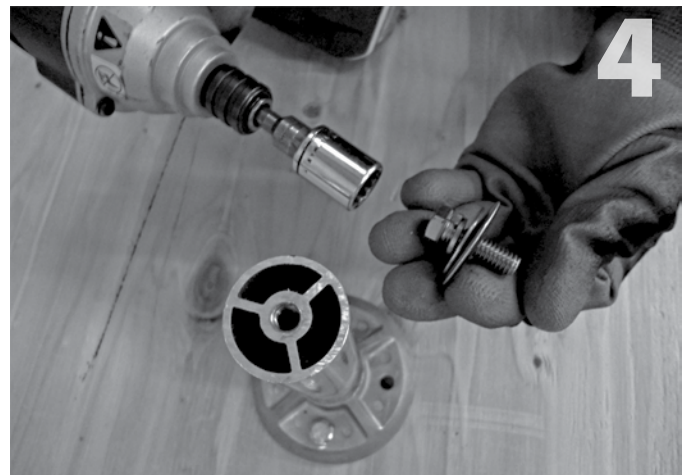
Locate the desired mount placement over a rafter (or custom wood blocking). Using the base as a template, mark the two penetration points with either a pen or light drilling. Use two opposing holes on the base plate, parallel to the structural member.



Drill both pilot holes with a 7/32-inch bit. Make sure to hold the drill square to the rafter. The lag bolts must be anchored into a structural member, so it is very important to hit the center of the rafter with your pilot holes. Fill the pilot holes with a sealant compatible with that roof.



Prior to attaching the base to the roof, place the grade-8 hex bolt in the bottom of the base and screw the post in. This is easier than adding the post after securing the base to the roof. Attach the base/post assembly to the roof with two lag bolts.



Attach the hardware to the top of the post. (Be sure to seal off the post from weather exposure with the sealing washer (item 5), in the interim before racks are installed.) You are now ready to flash the mount, roof around it, and attach racking. Aluminum flashings for built-up roofs are available from Quick Mount PV in 4" and 8" cones (sold separately). For membrane roofs, be sure to use manufacturer-specified flashing and utilize the services of a certified roofer.