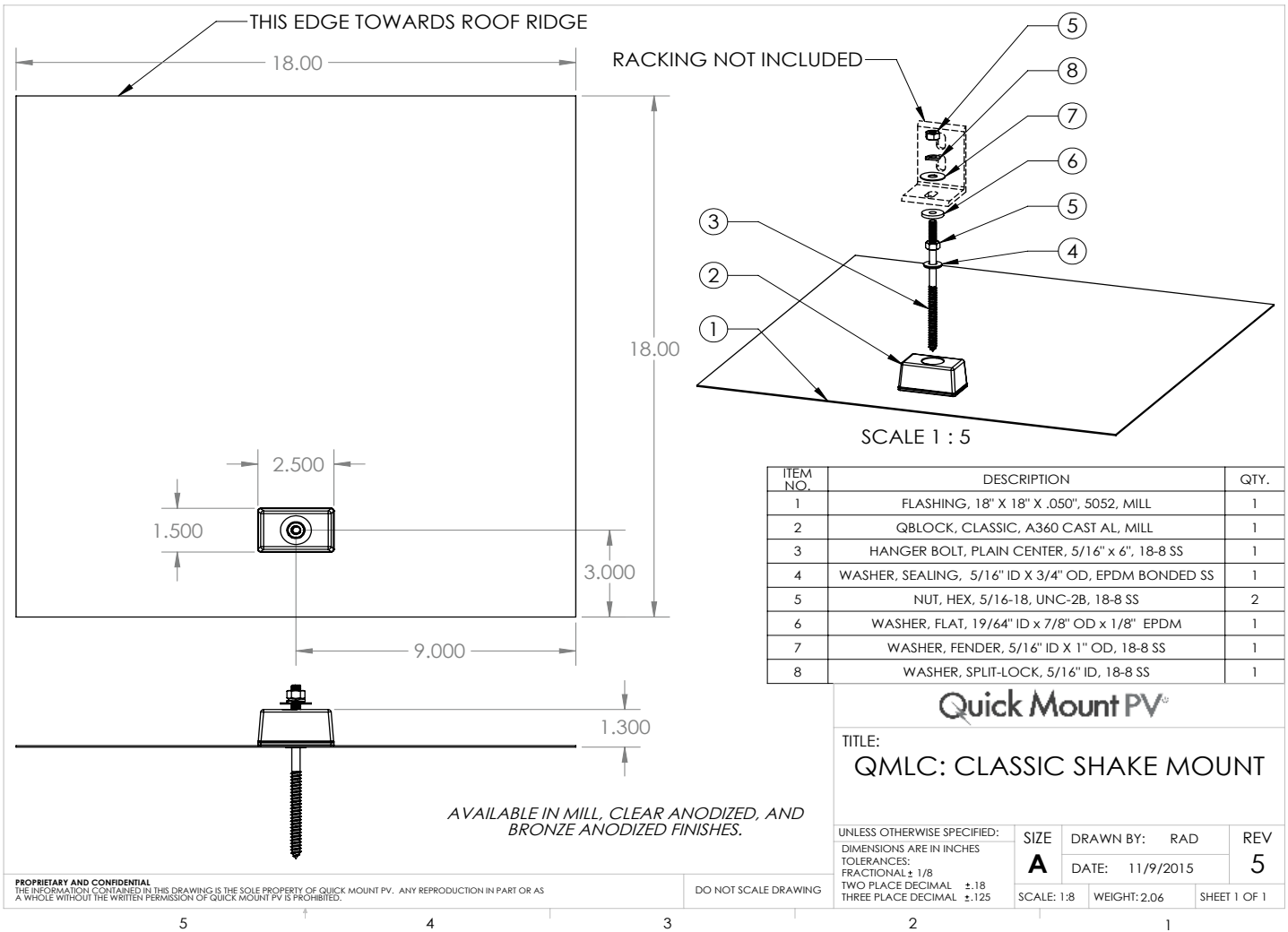


Classic Shake Mount | QMLC



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

	Lag Bolt Specifications		
	Specific Gravity	5/16" shaft per 3" thread depth	5/16" shaft per 1" thread depth
Douglas Fir, Larch	.50	798	266
Douglas Fir, South	.46	705	235
Engelmann Spruce, Lodgepole Pine (MSR 1650 f & higher)	.46	705	235
Hem, Fir	.43	636	212
Hem, Fir (North)	.46	705	235
Southern Pine	.55	921	307
Spruce, Pine, Fir	.42	615	205
Spruce, Pine, Fir (E of 2 million psi and higher grades of MSR and MEL)	.50	798	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.

PLEASE NOTE: Cedar shakes treated with ACQ or CCA wood preservatives or fire retardant chemicals, or shakes with higher concentrations of natural tannins, may cause accelerated corrosion when in direct contact with aluminum. It is advisable to use an appropriate physical barrier to isolate the aluminum from these corrosive chemicals. Accepted barriers include standard roofing felt, ice & water shield type underlayment, or 10 mil thick polyethylene sheeting. Please check with your shake roofer and/or supplier to see if your shakes require these barriers.



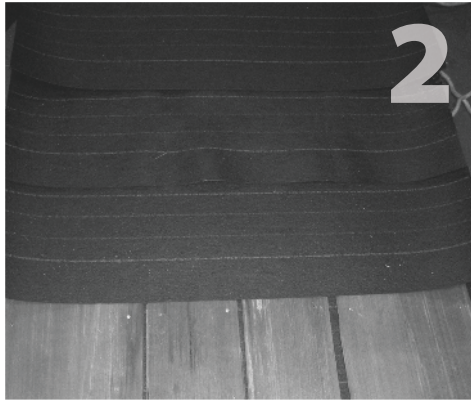
Classic Shake Mounting Instructions

Installation Tools Required: tape measure, roofing bar, chalk line, stud finder, caulking gun, sealant compatible with roofing materials, drill with 7/32" bit, drill or impact gun with 1/2" deep socket, grinder or sander

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



1
Locate, choose, and mark centers of rafters to be mounted. Select the courses of roofing where Quick Mounts will be placed.



2
If necessary, remove shakes directly above mount with the roofing bar to expose felt paper. Flashing should reach at least 1 inch up and under the felt paper for proper waterproofing.



3
Level out any high spots beneath the flashing area with a grinder or sander. Slide mount into desired position on shakes, under felt paper, and mark center for drilling with a pen or pencil.*



4
Set mount aside. Using drill with 7/32" bit, drill pilot hole into roof and center of rafter, taking care to drill square to the roof. Do not use mount as a drill guide.



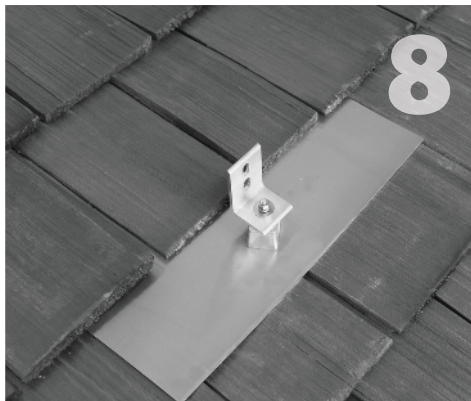
5
Clean off any sawdust, and fill hole with sealant compatible with roofing materials.



6
Slide mount into position. Prepare hanger bolt with 1 hex nut (item 5) and 1 sealing washer (item 9). Insert bolt into QBlock hole and drive into rafter, tightening until the QBlock no longer swivels easily.



7
Insert EPDM rubber washer (item 6) over hanger bolt into QBlock.



8
Using the rack kit hardware, secure the rack of your choice.

When attaching the rack, follow directions of the racking and module manufacturers. All written instructions from the roofing manufacturer must be followed by anyone modifying a roof system. Consult the roof manufacturer's specs and instructions prior to touching the roof. These instructions apply to shakes with solid sheathing and interlaid felt, the most common type. If your shake roof varies, consult the 'New Roof Construction Manual' from the Cedar Shake & Shingle Bureau.

* If the flashing doesn't reach under the felt paper above, cut an extra piece of felt to layer under the existing felt and over the flashing.

Quick Mount PV®

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