Conduit Penetration Flashing | QMCPC

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<th>ITEM NO.</th>
<th>DESCRIPTION</th>
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<tr>
<td>1</td>
<td>FLASHING, CONE, 12&quot; x 12&quot; x 1.8&quot;, ALUMINUM, MILL</td>
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<tr>
<td>2</td>
<td>COUNTER FLASHING, CONDUIT, 1/2&quot;, 3/4&quot;, 1&quot;, EPDM RUBBER</td>
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AVAILABLE IN MILL, AND BRONZE ANODIZE FINISHES

DETAIL A
SCALE 1 : 2

TOP ID FOR 1/2" CONDUIT
CUT HERE FOR 3/4" CONDUIT
CUT HERE FOR 1" CONDUIT

APPLY EPDM COMPATIBLE SEALANT WHERE CONDUIT CONTACTS COUNTER FLASHING.

THIS EDGE TOWARDS ROOF RIDGE

TOP OF FLASHING 1.83

DRAWING 1

DRAWING 2

COUNTER FLASHING, TRIMMED FOR EMT CONDUIT (1/2", 3/4", 1"

FLASHING, CONE, 12" x 12"

EMT CONDUIT, 1/2", 3/4", 1" (NOT INCLUDED)

SECURE CONDUIT TO RAFTER PER LOCAL BUILDING CODE (CLIPS NOT INCLUDED)
Conduit Penetration Flashing Instructions

Installation Tools Required: tape measure, caulking gun, roof material & EPDM compatible sealants, drill with paddle bit, hook blade, hammer, roofing nails

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

Mark center of rafter. Using the flashing as a template, mark the drill point so the flashing reaches up into the 3rd shingle course. Drill your conduit hole next to the rafter so you can secure the conduit below the roof surface (see Drawing 2). For 1/2" conduit, drill 7/8" hole; for 3/4" conduit, drill 1" hole; for 1" conduit, drill 1-1/4" hole.

Under the 3rd course and through the 2nd course, secure flashing with 2 roofing nails at the top corners of the flashing at the nail line. Apply sealant over nail heads.

Your conduit penetration flashing is now complete and ready for additional electrical work. Be sure to secure conduit to rafters below the roof surface per local building codes and NEC code requirements. Quick Mount PV conduit mounts are also available for roof surface conduit attachments. See website for details.

Apply a bead of sealant compatible with both the roofing material and EPDM rubber to both the flashing and the conduit in the location of the EPDM collar’s final position.*

*Helpful hint: to see where to apply the sealant, slide the collar into place and mark the perimeter with a marker on the flashing and on the conduit, then slide the collar up and apply sealant just inside both marks.