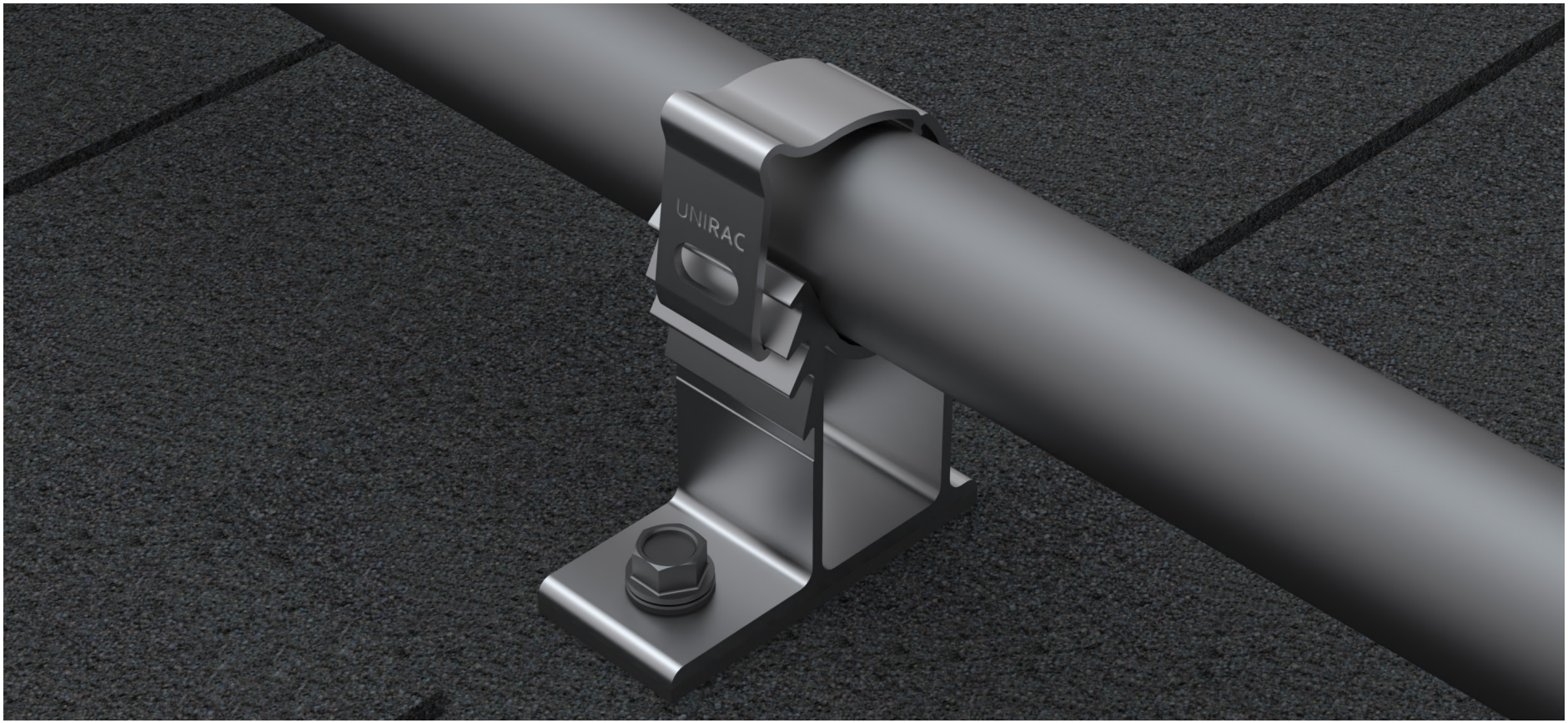
CONDUIT MOUNT WITH BUTYL

INSTALLATION GUIDE



UNIRAC Code-Compliant Installation Manual

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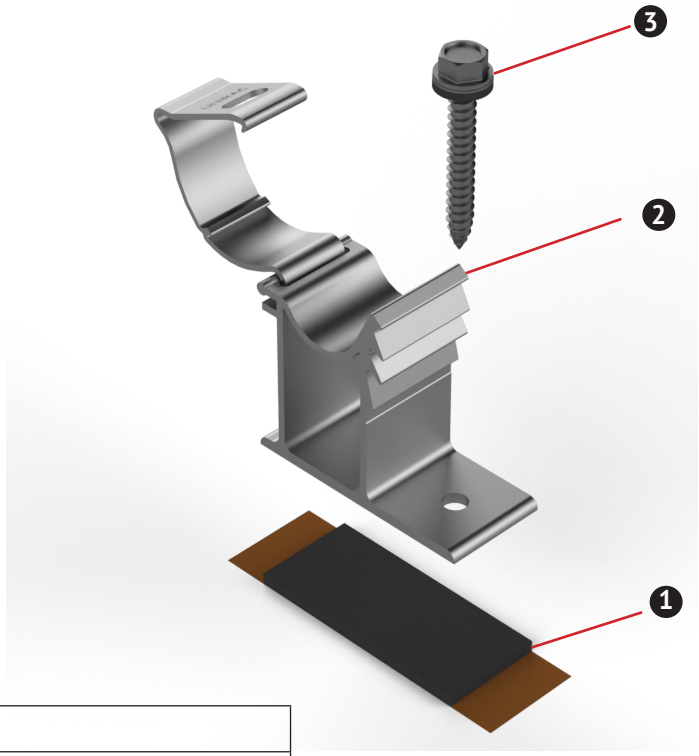
TABLE OF CONTENTS

SYSTEM COMPONENTS 1
SYSTEM INSTALLATION STEPS 2-3
CODE COMPLIANCE NOTES 4

INTRODUCTION

Conduit Mount is a multipurpose component, accommodating both 1” and 3/4” conduit. This versatile mount can be quickly attached direct to the roof deck using a screw.

Simply install the mount and click its cap in place to secure the conduit.

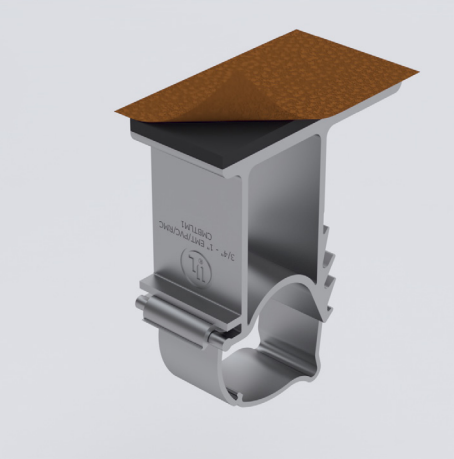


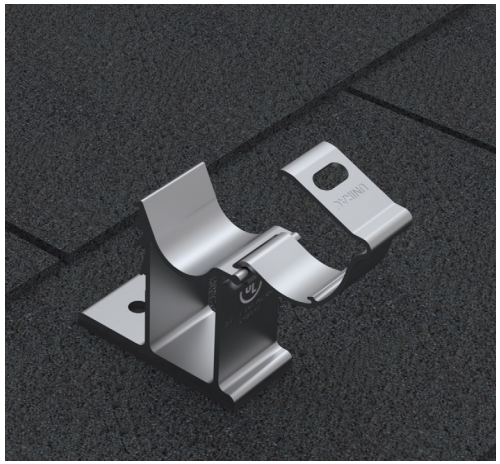
CONDUIT MOUNT WITH BUTYL COMPONENTS: (Part Number: CMBTLM1)

1. BUTYL PAD
2. CONDUIT MOUNT BASE ASSEMBLY
3. Hardware: #14-14 TYPE AB, HWH, SS SCREW WITH #14 EPDM WASHER

TECHNICAL SPECIFICATIONS:

Material	Aluminium
Listing	UL conforms to UL Std 2239 “Hardware for the Support of Conduit, Tubing, and Cable” requirements.
Roof	Conduit Mount is designed for use on Asphalt Shingle, Rolled Comp, EPDM, TPO, Polyethylene, Polypropylene, ABS, and steel/painted roofs.
Load Ratings	50 lb (22kg) for 3/4” EMT/PVC/RMC Conduits and 1” PVC Conduits 60 lb (27kg) for 1” EMT/RMC Conduit
Temperature Ratings	-40°F to 194°F (-40°C to 90°C)
Span/Support Interval	Suitable for wet locations and a max 3.05m (10ft) support interval.
Warranty	25-year warranty against defects in materials and workmanship





STEP 1: POSITIONING CONDUIT MOUNT

- Identify the location of the conduit mount to install, clean the roof surface of dirt, debris, snow, and ice.
- Ensure that the attachment lands on a flat surface.
- Peel off the release paper from the underside of the attachment and place the attachment over the location.

NOTE: To maintain butyl flashing performance, Unirac does not recommend installing when ambient and/or roof temperatures are below 5°F or above 180°F.

⚠ CAUTION

Do not peel the release paper from the butyl on the conduit mount before identifying the position of the conduit mount to install.

⚠ WARNING

Installing the conduit mount on uneven surfaces, shingle gaps, or overlaps, creates a risk of water leakage due to the gap created between the adhesive and the roof surface.

STEP 2: INSTALL CONDUIT MOUNT

Secure the mount to the roof with the screw provided and tighten until the EPDM in the sealing washer bulges.

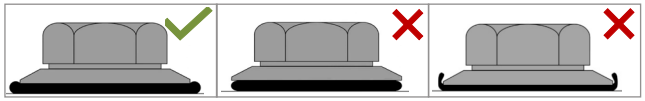
⚠ CAUTION

Install the screw on the upslope side of the attachment for better strength as shown in above figure.

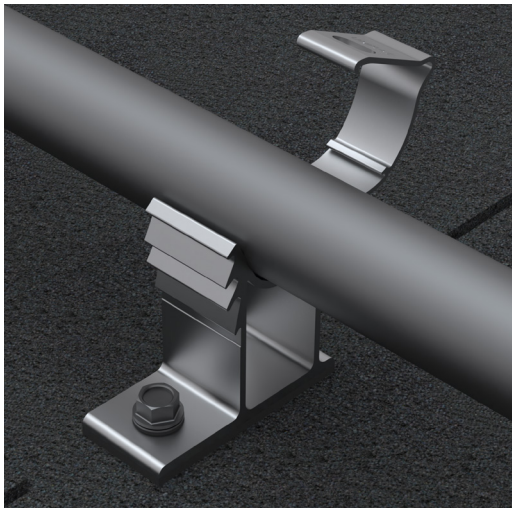
Note:

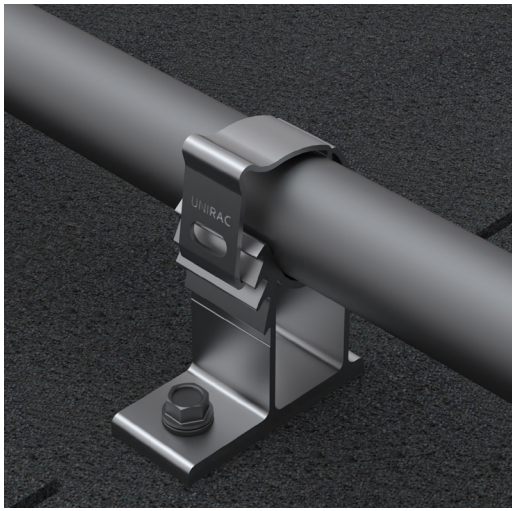
Ensure to use a drill extension or deep socket tool for installing screws.

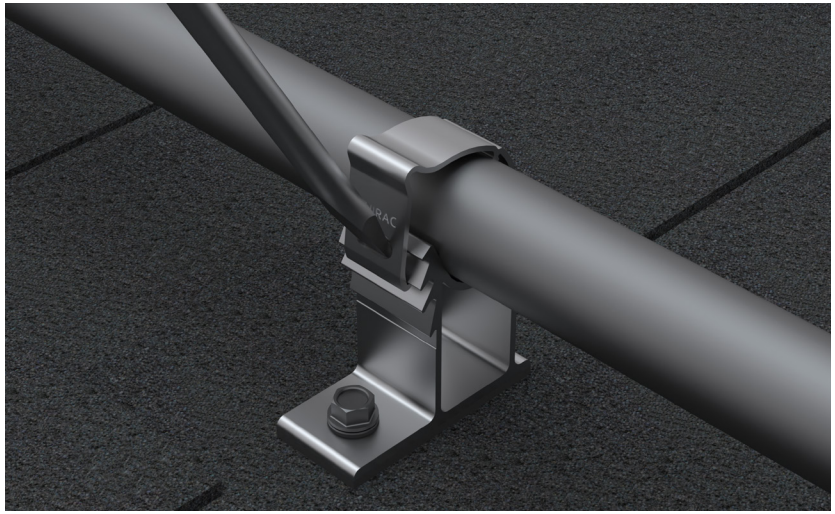
⚠ CAUTION



Do not over-torque the screw.
When proper torque is applied, the EPDM washer should slightly expand out from the sides as shown in the image.







STEP 3: INSTALL CONDUIT

Once Conduit Mount is installed on the roof, lay the conduit into the Conduit Mount, then snap the cap into place, securing the conduit.

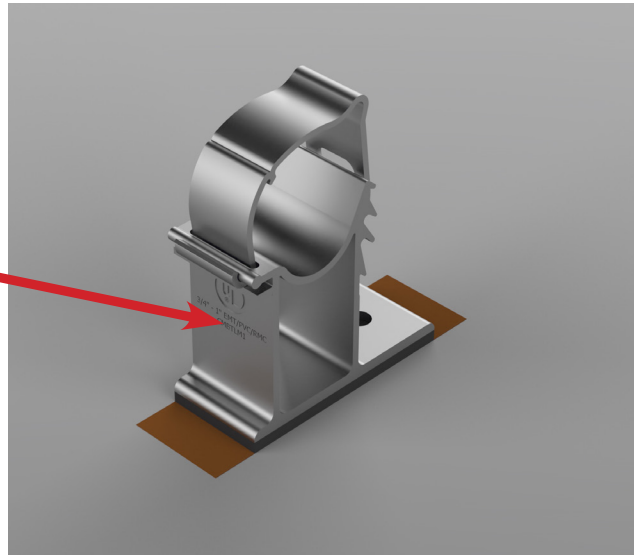
Snap the cap

- To the first notch for 1” RMC/PVC conduit
- To the second notch for 1” EMT conduit
- To the third notch for 3/4” PVC/RMC conduit, or the fourth notch for ¾” EMT conduit.

CAP REMOVAL

The cap can be removed from the conduit by inserting a flat-head screwdriver into a slot in the cap and prying gently until the cap clears the notch in the base

UL2703 CERTIFICATION MARKING

Unirac CONDUIT MOUNT is listed to UL 2703. Certification marking is embossed on conduit mount attachments as shown.

3/4" - 1" EMT/PVC/RMC
CMBTLM1