

QuickMount®

# BUG™ CONDUIT MOUNT



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## RATINGS

LISTED TO UL 2239 & UL 2703A



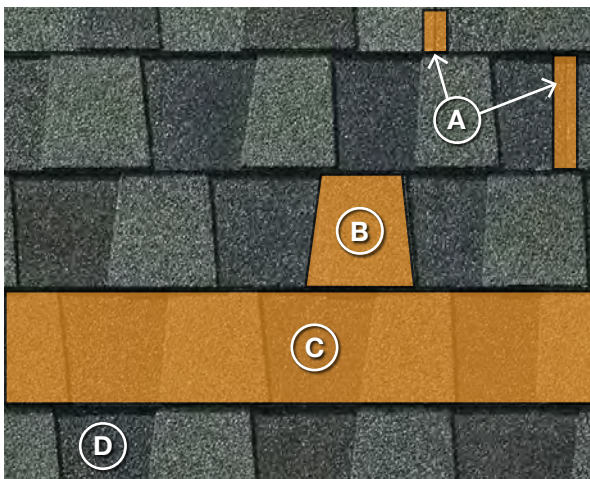
### CONDUIT MOUNT RATINGS

- Conforms to UL STD 2239 and Certified to CSA STD C22.2 No. 18.4
- Approved for conduit types: MAX 1" UNIV - EMT, RMC, IMC, Rigid PVC and Liquid Tight Flexible Metallic Conduit
- Approved for conduit types: MAX 1-1/4" - EMT and Rigid PVC.
- Approved for use with listed hangers, straps or alternative mounting devices (strut, bridging or other components).
- Suitable for use in wet locations
- Temp rating: -40° C to 90° C (-40° F to 194° F)
- Suitable for max 3.05 m (10 ft) support interval
- Thread rolling screw torque value: 40 in-lbs
- Load rating: 60 lbs

### WATER SEAL RATINGS

- Conforms to UL SUBJECT 2703A "Flashing Devices and Systems for Rooftop Mounted Photovoltaics"
- TAS 100A-95 "Wind Driven Rain Test"
- UL Standard 441 Section 27 "Rain Test"
- Steep Slope Ratings applicable for Asphalt Shingle roofs with slopes 2:12 and up
- Low Slope Ratings applicable for Roll Roofing (Rolled Comp) roofs with slopes 1:12 and up
- Low Slope Ratings applicable for Modified Bitumen (Mod-Bit) roofs with slopes 1/4:12 and up
- Tested and evaluated without sealant

## COMPOSITION SHINGLE INFORMATION



**A. BUTT JOINT**

**B. SHINGLE STEP**

**C. SHINGLE COURSE**

**D. DRIP EDGE**

Keyways are the gaps between each tab of a 3-tab shingle.

BUG™ can be installed on steep slope asphalt shingle roofs or low slope mineral surface or modified bitumen asphalt rolled roofing.

**Tools Required:** Tape measure, chalk line, marking tool, hand brush, cordless drill or impact, and 5/16" hex socket with adapter (or 5/16"x4" power nut setter).

**Installation Temperature:** Min Ambient Temp = 5°F (-15°C) / Max Ambient Temp = 118°F (48°C)

## 1. CLEAR AREA

Prepare BUG™ location by brushing away dirt and debris. Ensure no snow or ice is present, blot area dry if wet.

- 💡 Ensure that roofing shingles are in good condition and will last the lifetime of the solar array.
- 💡 Avoid storing boxes of BUG™ Conduit Mounts in direct sunlight, store in shade whenever possible.



## 2. PLACE MOUNT

Remove release liner from the bottom of the BUG™ Conduit Mount and place it into position on the roof.

- 💡 Make sure to fully remove the release liner before installation.
- 💡 Determine Conduit Mount locations based on conduit run, follow NEC guidelines for spacing requirements.



## 3. BEST PRACTICE

It's best to place the BUG™ Conduit Mount on the flat parts of the shingles.

- 💡 BUG™ Conduit Mount can be installed 360° in any orientation.
- 💡 Adjust BUG™ Conduit Mount spacing as needed to avoid shingle steps, space no more than 10' apart.



## 4. PROPER PLACEMENT

Install BUG™ on individual shingle course, DO NOT straddle two different shingle courses.



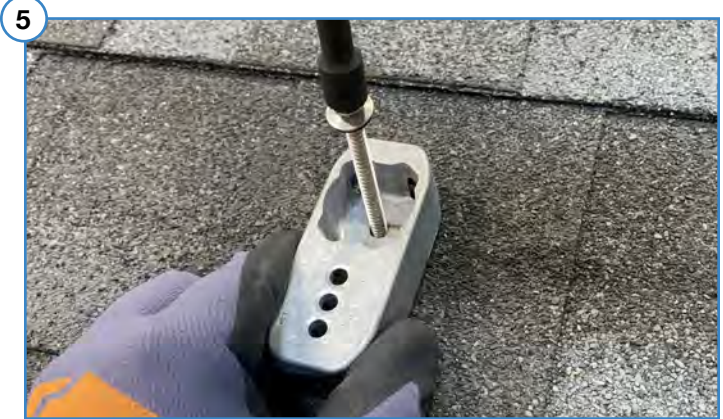


## 5. DRIVE SCREW

Drive RD Structural Screw using 5/16" socket and tighten until EPDM washer is flattened and BUG™ is secured.

**IMPORTANT:** BUG™ Conduit Mount will be very difficult to relocate, always double check before placing.

💡 If UltraGrip™ pad is damaged, replace BUG™ Conduit Mount.



## 6. SECURE CONDUIT

Place conduit over BUG™ Conduit Mount, connect user supplied conduit strap or hanger to conduit, then secure into position by driving the included thread rolling screw into one of the three optional screw positions.

💡 BUG™ can be attached to conduit before being secured to roof

💡 The BUG™ Conduit Mount can be painted to match the roof.

