Series 100 UL
Corrugated Block

Required Tools:

Hammer or Stud Finder
Drill with 1/8 inch Pilot Drill Bit
Roof Sealant
Torque Driver with Bit Adapter
1/2 inch Socket Wrench

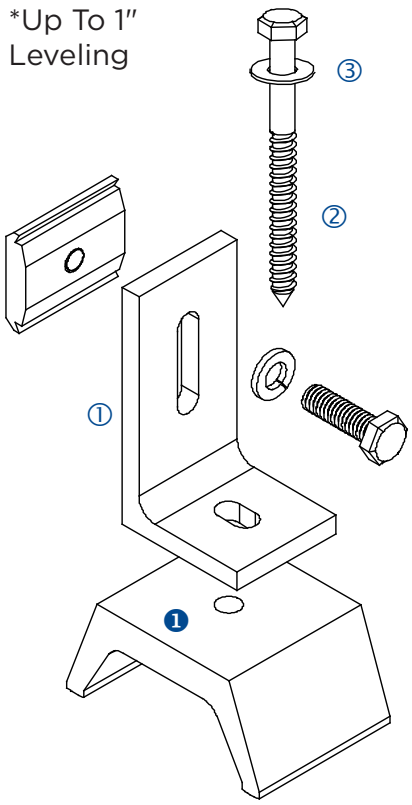
Materials included in Series 100 Straddle Block:

❶ (1) SnapNrack Corrugated Straddle Block

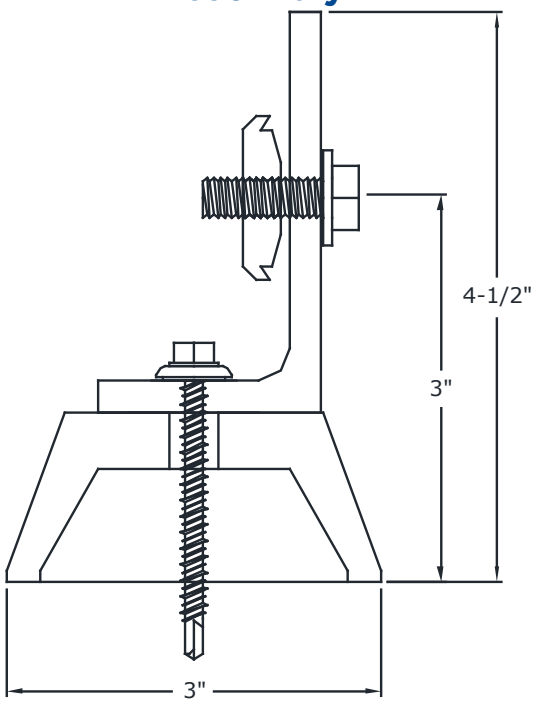
Other Materials Required:

① (1) SnapNrack L-Foot Assembly
② (1) 5/16in Lag Screw
③ (1) 5/16in Washer

*Up To 1" Leveling

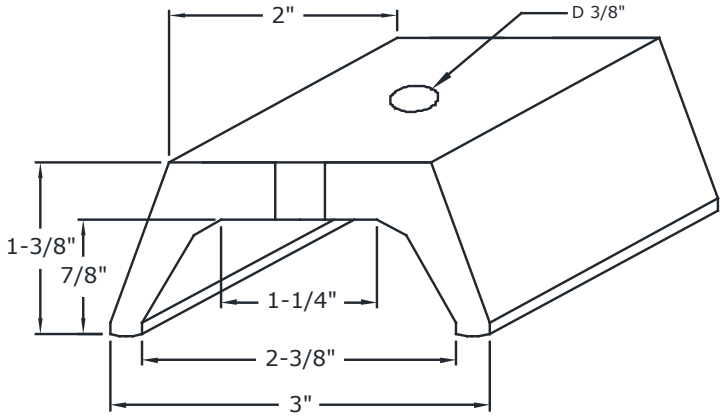


Dimensioned Assembly



Tek Screw For Steel Roofing Members, Lag Screw For Wooden Rafters

Dimensioned Corrugated Block



Technical Corragated Block Data:

Material	6000 Series Heat Treated Aluminum
Color	Mill Finish
Weight	0.3 LBS
Design Uplift Load	200 LBS Uplift
Design Ultimate Load	1000 LBS Uplift

Only use Mill Finish L-foot with Split lock washer

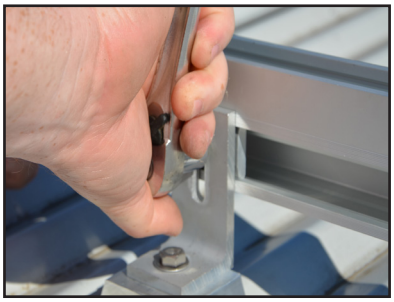
1) Locate the rafter

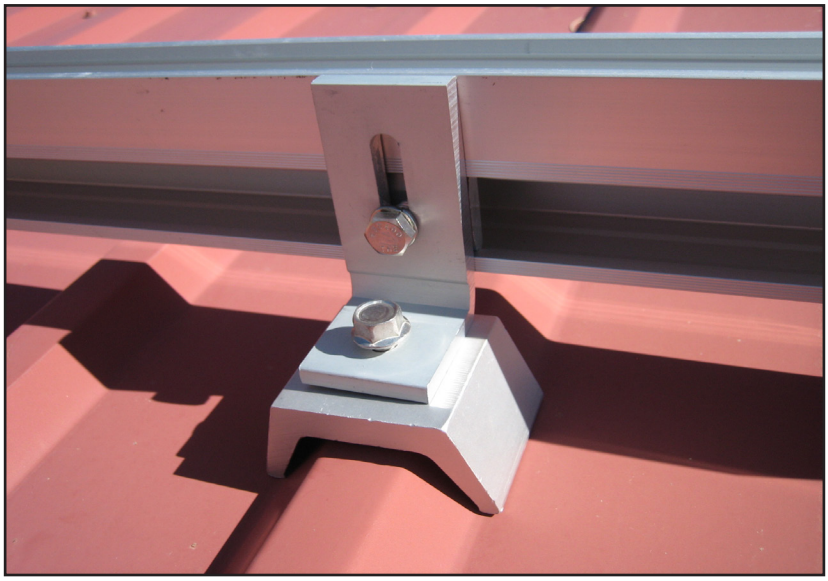
2) Drill the pilot hole

3) Apply roofing sealant

4) Attach corrugated block with L-Foot

5) Tighten hardware





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Step-by-Step Instructions

1) Locate the rafter underneath the decking of the roof by locating the screws. The rafter lies directly underneathe the screws.

2) Drill a pilot hole through the roofing material into the rafter to ensure that the lag bolt will be located into a solid portion of the rafter. If the rafter is not found then seal the pilot hole immediately with roofing sealant.

3) Apply roofing sealant if needed directly onto the pilot hole and lag to ensure a water tight seal.

4) Attach the Corrugated Block with L-foot using a 5/16" lag bolt (TYP) or appropriate lag with a minimum embedment of 2 ½" lag shank into the rafter. Tighten lag bolt to seat.

5) Tighten L-foot assembly silver hardware to 10 – 16 ft-lbs and tighten black hardware to 8-10 ft-lbs.

Notes

- SnapNrack engineered systems should only be used with SnapNrack components and hardware. Any alternate application may void the warranty and structural calculations could become invalid.

Warning

- If a pilot hole is drilled and a rafter is not found, immediately seal pilot hole with roofing sealant to avoid water damage.
- Do not over tighten hardware.
- Always wear fall protection and safety gear.

Design Tools

- SnapNrack has a suite of design tools to help configure your PV installation to be an accurate and fast install. Please visit us at: www.SnapNrack.com