

RL Universal SpeedSeal™ Track Training Guide

Overview

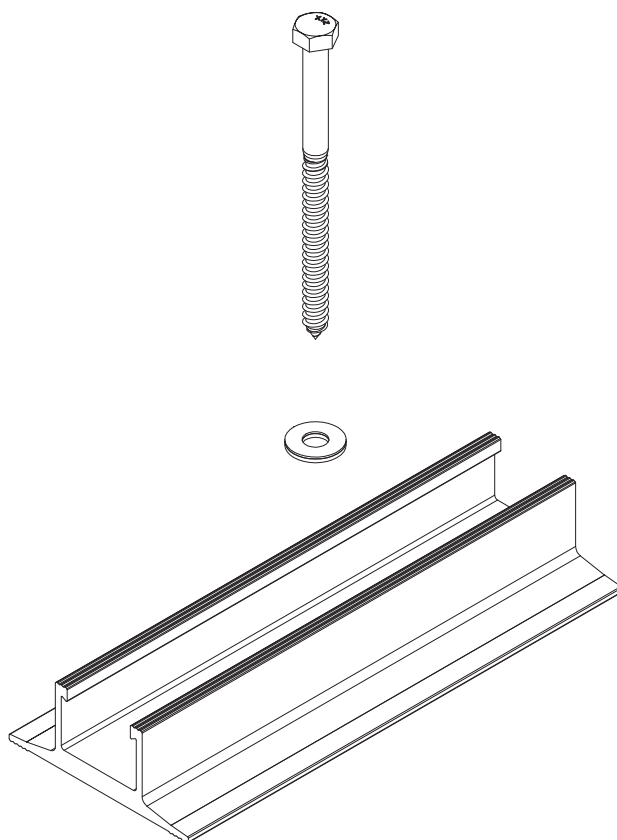
- This training guide outlines best practices for installing RL Universal SpeedSeal™ Track flashless sealing base on composition shingle roofs. This Guide is meant to supplement the RL Universal Installation Manual and RL Composition Shingle Training Guide and provide detailed instructions on installation practices that produce high quality systems and maintain construction efficiency. The target audience of this guide is experienced rooftop solar installers with a strong understanding of solar construction best practices, and a basic understanding of the RL Universal mounting system.

Component Details - SpeedSeal™ Track

- Speed Track Sealing Base
- 5/16" Lag Screw
- 5/16" Washer (Sealing Washer is recommended)

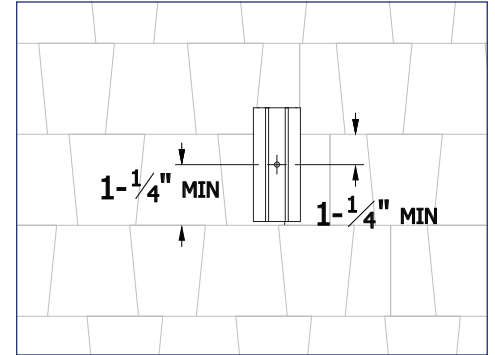
Required Tools

- Drill with 3/16" Pilot Drill Bit
- Caulking Gun with approved Roof Sealant
- Impact Driver with 1/2" Socket



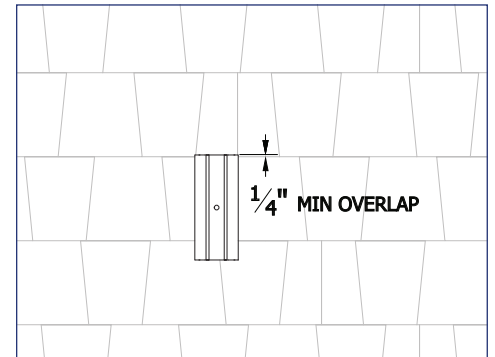
SpeedSeal™ Track Installation

- 1 Layout SpeedSeal™ Track locations on roof and mark locations for fasteners using a marking crayon or chalk based on rafter location and these rules:



- ① SpeedSeal™ Tracks should be installed so the center is no less than 1¼" from the bottom edge of the shingle course being installed on and the bottom edge of the shingle course above

- ② The top edge of the SpeedSeal™ Track must overlap the shingle course above by a minimum of ¼".



Note: SpeedSeal™ Track may be installed over the vertical seam between single courses in the same row.

- 2 Using SpeedSeal™ Track locations drawn on roof during system layout, drill a 3/16" pilot hole into roof framing member.



- 3 Turn SpeedSeal™ Track over and apply roof sealant, filling the dam formed by the sealant ring

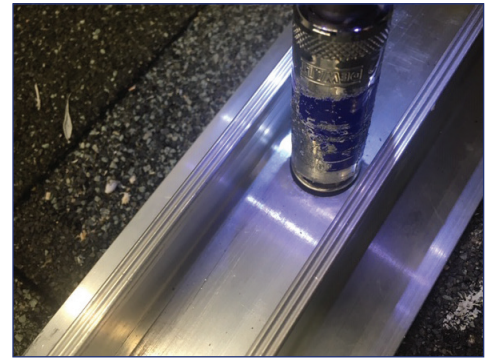


SpeedSeal™ Track Installation

- 4 Attach SpeedSeal™ Track to roof using a standard 5/16" lag screw and washer. Drive the lag screw into the pilot hole and rafter for a recommended minimum 2½" embedment.



- 5 As the lag screw is being driven into the roof, watch rubber gasket on underside of sealing washer for compression. Stop driving the lag screw when the gasket becomes visible around the edge of the washer.
Over tightening the lag screw will damage the rubber gasket.



- 6 As a SpeedSeal™ Track is tightened to the roof sealant will ooze from sealant ring gap as an indicator of proper sealing. If no sealant is expelled, remove SpeedSeal™ Track from roof, add more sealant, and reinstall on roof.

SpeedSeal™ Track is now ready for RL Universal Mounts and module installation.

