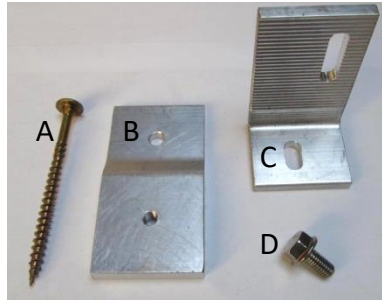# FlashGuard
Installation Guide

Tools Required:

● Tape measure ● #30 Torx Bit ● 13mm (½") socket for Impact ● Caulking Gun ● Sealant – compatible with roofing material ● Chalk/Marking Crayon ● Roofing Bar/Shingle Lifting tool ● Impact Driver

Components:

A. 4" Torx 30 Self drilling fastener
B. Base Plate
C. L-Foot
D. M8 x 15mm Bolt
E. Flashing

1. Mark location of rafters to be attached to as per engineering requirements. Determine which course of shingles is to be used for each row of flashings.

2. Place base plate, flat/ridged side down, 0.25" above shingle edge – *note arrow in photo*. Drive 4" fastener through *unthreaded* hole in base plate just far enough to confirm rafter location. This creates hole to accept roofing sealant.

FOR PROPER WATER PROOFING - ALIGN BOTTOM EDGE OF BASE PLATE 0.25" ABOVE BOTTOM EDGE OF SHINGLE COURSE

3. Fill hole with sealant then drive screw through *unthreaded* hole in base plate until snug. Do not over tighten – ensure base plate is flat/parallel to roof.

4. Base plate installed – note bottom edge of plate is 0.25" above shingle edge.

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5. Lift shingle course above base plate slightly after loosening with roofing bar or similar tool to make room for flashing. Loosen just enough for flashing to slide up and under shingle (see photo, step 8).

6. For maximum protection, sealant should be applied to trough in underside of flashing before installation.

7. Slide flashing into position under shingle course above base plate.

8. Align hole in flashing with threaded hole in base plate.

Apply quarter sized dabs of shingle adhesive on any shingles that have been lifted during insertion of flashings.

9. Attach L-Foot through flashing and into threaded hole in base plate using M8 bolt. Torque M8 bolt to 17-23Nm (13-17 Ft-Lbs)

10. Completed flashing installation. Use T-Bolt and nut to secure racking to L-Foot. Note correct base plate/flashing position – edge of flashing is 0.25" above edge of shingle course. **THIS ALIGNMENT IS CRITICAL FOR PROPER WATER-PROOFING**

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