TRI-BUILT® ALUMINUM RETROFIT ROOF DRAIN

PRODUCT DESCRIPTION: One-piece spun aluminum body and heavy duty cast aluminum strainer dome and clamping ring provide strength and durability. The drain flange has a depressed sump area to facilitate water drainage from the roof surface. The TRI-BUILT® Aluminum RetroFit Roof Drain incorporates the technology for a mechanical watertight connection to PVC or cast iron pipes to prevent water from backup damage. Available in 3″, 4″, 5″ and 6″ sizes.

FEATURES & BENEFITS:

- One piece seamless body provides strength and durability without separation of the flange from the stem.
- Extra large flange allows positive attachment of roof flashing membrane while the sump area facilitates drainage.
- Cast aluminum strainer dome and clamping ring.
- 12″ long drain stem accommodates most existing field conditions with longer lengths available.

APPLICATION: TRI-BUILT® Aluminum RetroFit Roof Drains are designed to replace existing drains in re-roofing applications. Installed from the roof surface, these drains are engineered to be installed without removing the existing plumbing or fixture while providing a watertight connection to the roof system and the existing plumbing.

PHYSICAL DATA

PROPERTY	RESULTS
Drain Body	11 gauge (.125") spun aluminum
Flange	17½" diameter with sump area
Stem	12" length
Strainer Dome	Cast aluminum
Clamp Ring	Cast aluminum

TRI-BUILT® ALUMINUM RETROFIT ROOF DRAIN INSTALLATION GUIDE

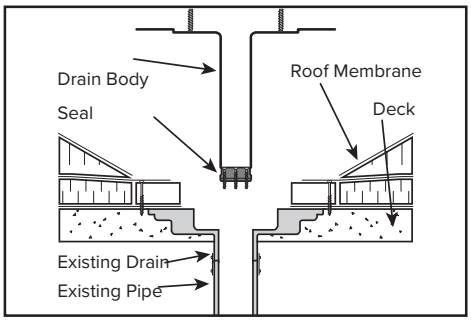
FOR USE WITH

All types of roof covers.

JOB PREPARATION

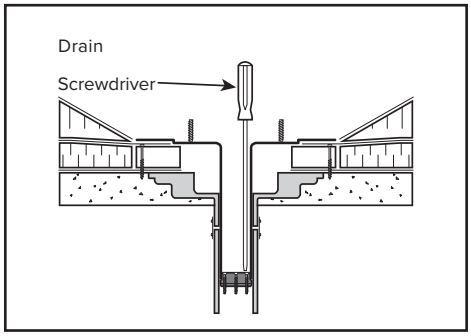
Remove existing strainer dome and clamping ring. Remove other existing drain components as required to enable drain flange to lie flush on roof membrane. Remove any debris or constricting materials in the existing drain pipe that interferes with proper installation.

STEP 1



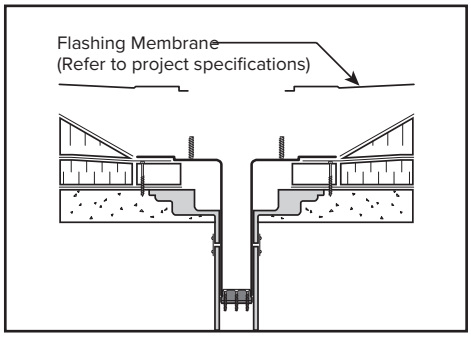
Examine the existing water leader to make sure there are no elbows that prevent the drain stem from being fully inserted into the pipe. Insert seal into end of drain stem and tighten screws enough to hold the seal in place during installation. Insert assembled drain into existing leader pipe until flange lies flush on roof membrane.

STEP 2



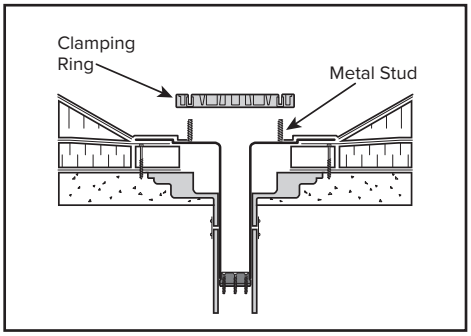
Alternately tighten seal compression ring screws with Screwdriver until hand tight. Drain body is correctly installed when pressure placed on drain body results in no vertical movement. Do not over tighten the screws.

STEP 3



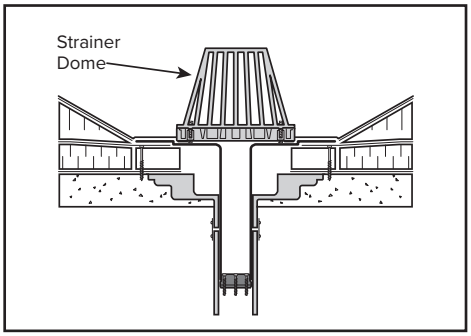
Secure the drain flange to the roof deck/ nailer using a minimum of three pan-head fasteners, evenly spaced around the flange. The flashing membrane must cover and extend past the fas-tener head. Flashing membrane must be installed per roof membrane manufacturer's detail.

STEP 4



Place clamping ring over metal studs. Install stainless steel nut and lock washers tightening clamping ring against membrane flashing until secure.

STEP 5



Install strainer dome by aligning screw holes with the holes in the clamping ring. Secure with screws provided.