

TRI-BUILT® SPEEDTITE® ROOF DRAIN INSTALLATION INSTRUCTIONS

MEETS ANSI/SPRI RD-1 STANDARD

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 the TRI-BUILT® SpeedTite Roof Drain flange to lie flush on roof membrane. Remove any debris or constricting materials in the existing drain pipe that interferes with proper installation. It is recommended to wire brush the interior leader in the area of seal contact to be as smooth as possible.

For technical assistance contact TRI-BUILT® at 800-516-1485.

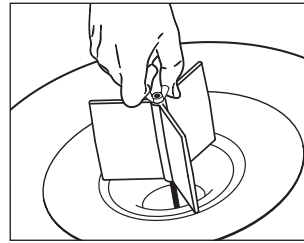
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STEP 1

Examine the existing water leader to make sure there are no elbows that prevent the drain stem from being fully inserted into the pipe. (If an elbow is present, see "How to Shorten The TRI-BUILT® SpeedTite Roof Drain Stem.") Insert assembled drain into existing leader pipe until flange lies flush on roof membrane.

STEP 2

Tighten the wing nut on the top of the TRI-BUILT® red Vortex Breaker until hand tight. The TRI-BUILT® SpeedTite Roof



Drain is correctly installed when pressure placed on drain body results in no vertical movement.

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 fastener head. A suggested way to prepare the flashing membrane is to use the interior of the clamp ring as a template for cutting a hole to the inside of the studs. Flashing membrane must be installed per roof membrane manufacturer's detail.

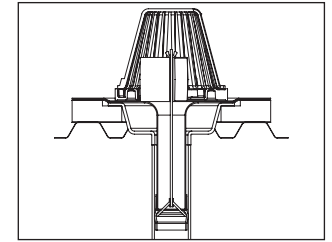
CLAMP RING MODEL

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.



COATED MODEL

STEP 4

Hot air weld the flashing membrane to the drain flange and the field membrane.

STEP 5

Install the strainer dome onto the retaining clips, then insert nylon push-in fastener into the appropriate height hole in each of the three retaining clips.

HOW TO SHORTEN THE OMG SPEEDTITE ROOF DRAIN STEM

Make sure there is at least 4-inches of clear vertical distance in the existing pipe to accommodate the drain. Remove the wing nut and lock washer in order to remove the TRI-BUILT® SpeedTite Mechanical Seal and seal expander from the drain body. Cut drain stem as evenly as possible to desired length and re-assemble the TRI-BUILT® SpeedTite Mechanical Seal and seal expander. Note: Leave at least 2.5-inches of the drain stem to accommodate the seal. Trim the threaded rod on the seal expander accordingly as the cut stem may cause interference with the strainer but leave enough room for the wing nut. To ensure that the strainer dome fits properly, do not cut the threaded rod until after the lock washer and wing nut have been re-assembled and secured in place on the drain stem. Once the drain and seal have been re-assembled, insert it into the existing water leader and complete the assembly following installation steps 2 through 5.

As with all building materials it is the responsibility of the installer to review its usage with a design professional to confirm safety, compatibility and acceptance with the roof cover manufacturer as well as local building codes reserved.