



Product Data Sheet

COPPER RETROFIT ROOF DRAIN With SEALANT TAPE

PRODUCT DESCRIPTION

Copper Retrofit Roof Drain with Sealant Tape allows for quick replacement of existing roof drains. Drain body is constructed from heavy duty copper for durability. Sealant Tape protects against water backup by expanding up to 4 times its original thickness. Available with a variety of flange options (plain copper, TPO clad, PVC clad and asphalt coated) to accommodate most roofing systems.

SPECIFICATIONS

Item	Description
Sizes:	2", 3", 4" and 6" drain lines
Flange:	14" diameter, copper
Flange Options:	Copper, TPO clad, PVC clad and Asphalt Coated
Strainer:	10" diameter, bolt down, plastic, 4 1/2" tall
Outlet:	9" long
Drain Ring:	1 1/4" heavy duty ABS ring with 12 scallops, also has seep holes on bottom
Packaging:	1 per carton



BENEFITS

- Meets and exceeds ANSI/SPRI RD1 requirements for water back flow
- 2" wide high density sealing tape expands up to 4 times its original thickness to prevent water backup
- Drain body constructed of heavy duty (0.81 gauge) spun copper for durability
- Maximized drainage: 1 1/4" heavy duty ABS drain ring has 12 scallops and seep holes on bottom
- Designed for quick and easy installation

INSTALLATION INSTRUCTIONS

Preparation

1. Remove existing roof drain strainer, clamping ring and any other components to allow new drain flange to lie flush on roof membrane.
2. Remove any debris in the existing drain pipe that interferes with proper installation. Inside surface of drain pipe must be clean and smooth to allow proper mating of seal. A heat gun may be used to facilitate removal of asphalt.

Installation

1. Inspect existing drain line to ensure there are no elbows or obstacles that will the drain stem from fully extending into the pipe.
2. Test the size of the new Copper Retrofit Drain by inserting drain stem into cleaned drain line before removing the compression tape. Ensure that flange sits flush on membrane surface.
3. Once the correct size has been confirmed, remove the drain, release the compression tape and promptly insert the drain back into the drain pipe making sure that flange sits flush on membrane surface. The sealant tape will gradually expand to fill the space between the drain stem and the drain pipe, thus creating the back-up seal feature.
4. Secure the drain flange to the roof deck (or blocking) with a minimum of three fasteners evenly spaced around the flange. Fasteners must be placed along outer edge of flange to allow new flashing membrane to properly cover the fastener heads. Install flashing membrane as per manufacturer's instructions.
5. When using a coated flange, PVC or TPO membranes may be may be heat welded directly to a the coated drain flange. Clamping ring is not required when membrane is heat welded to flange. Install new plastic strainer using bolts in flange.

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INSTALLATION INSTRUCTIONS (continued)

6. For membranes that are not heat welded to the flange, install a bead of sealant as per appropriate drain detail. Place ABS clamping ring over metal studs and secure with supplied stainless steel nuts and washers. Evenly tighten clamping ring until flashing membrane is secured. Do not over tighten as damage can occur. Install new plastic strainer by aligning screw holes with holes in clamping ring. Secure with screws provided.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this Product Data Sheet is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

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