

FLASH-TITE FLIP-TOP DRAIN ROOF DRAIN

DESCRIPTION & USE

FLASH-TITE FLIP-TOP DRAIN is a premium roof drain for use in all low slope roof applications. This drain is compatible with single ply, built-up or modified bitumen roofing membranes. Its cast aluminum strainer doubles as a clamping ring. It is available in a "new-construction" design and a "retrofit-insert" design for reroofing applications. FLASH-TITE FLIP-TOP DRAIN is offered in copper and aluminum.

FEATURES & BENEFITS

Heavy-Duty Construction - Integrated matt finish, cast aluminum clamping ring to strainer provides exceptional resistance to vandalism. Copper drain bodies are welded (versus soldered) to resist failure from high temperature roofing torches.

Single Point Strainer Release - Strainer can be quickly opened for drain cleaning.

Mechanical Membrane Securement - Strainer comes complete with an integral clamping ring that mechanically secures the roofing membrane to the drain body.

Drainage Right Down to the Membrane - Permits drainage right down to the top of the membrane.

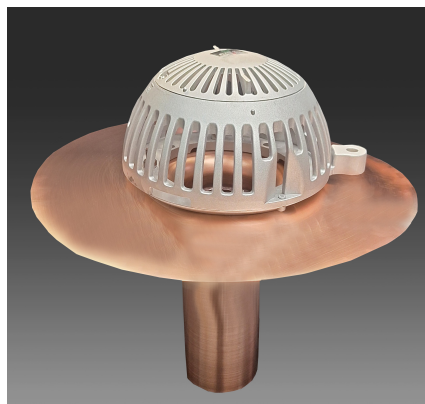
A Flatter Flange - Membrane fits "wrinkle-free" onto the drain body.

Full Insulating Value - Flat, funnel-less design permits rapid drainage without compromising the full thickness of the surrounding roof insulation.

Choice of Material - Drain body is offered in heavy gauge seamless spun aluminum or welded copper.

TECHNICAL DATA

Physical Dimensions	
Strainer Height:	140 mm (5.5")
Downspout Length*:	305 mm (12")
Flange Diameter:	432 - 457 mm (17-18")



Drain Dimensions	
New Construction Drain Sizes	Retrofit Drain Sizes
51 mm (2")	44 mm (1.75") to fit a 51 mm (2") nominal drainpipe.
76 mm (3")	70 mm (2.75") to fit a 76 mm (3") nominal drainpipe.
102 mm (4")	95 mm (3.75") to fit a 102 mm (4") nominal drainpipe.
152 mm (6")	146 mm (5.75") to fit a 152 mm (6") nominal drainpipe.
203 mm (8")	
254 mm (10")	

Clamping Ring - Average Water Flow = 565 L per hour.

Note: * Custom pipe lengths are available for copper. Please contact LEXCOR with your request.

Options

Refer to appropriate data sheet for more information:

- Drain Seal (MAXXFLO recommended)
- Integrated Deck Clamp
- Under Deck Clamp
- Flow Control Insert
- Ballast Guard
- Painted Strainer [White Polyester Powder Coating; Paint Thickness 0.15 mm (0.0059") ± 10%]
- Securement Ring
- LEXHEAT Self-Regulating Heat Plate



COMMERCIAL BUILDING PRODUCTS

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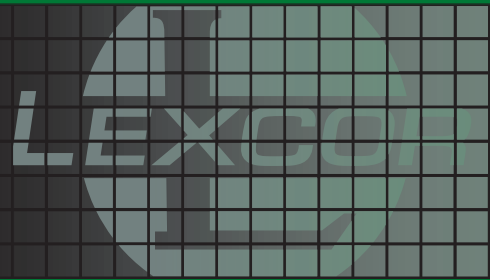
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FLASH-TITE

FLIP-TOP DRAIN

ROOF DRAIN



STRAINER COVER INSTRUCTIONS

Removing Cover of Strainer

- Remove screw from the cover.
- Turn cover counterclockwise to line up the bumps of the cover and strainer.
- Pull or flip cover upwards to remove the cover.

Placing Cover on Strainer

- Line up the bumps of the cover and strainer to set the cover in place.
- Turn cover clockwise to line up to the screw hole on the strainer.
- Insert the screw on the cover to the strainer.

INSTALLATION

Cut an appropriately sized hole through roofing system materials over the drainpipe. In retrofit applications, connect a pipe seal to the FLIP-TOP DRAIN downspout. Insert the drain downspout into the drainage pipe, ensuring a proper drain-to-pipe seal. Adhere the drain body flange to the top of the underlying roof membrane using a membrane compatible adhesive. The drain must be mechanically fastened to the structural deck with insulation screws. Fasten 4 screws 25 mm (1") in from the edge of the flange. Alternatively, use the FLASH-TITE UNDER DECK CLAMP.

Adhere appropriate membrane flashing overtop of the drain flange, bringing it up to the edge of the downspout radius. Apply a membrane compatible sealant along the edge of the membrane flashing. Install any drain accessory as required. Install integrated clamping ring/strainer by fastening down 4 to 8 nuts (do not over tighten). Complete membrane flashing detail as per manufacturer specifications.

SPECIFICATION

FLASH-TITE FLIP-TOP DRAIN

Spec Note: Choose desired choice from alternative options in square brackets.

1. Description: [New Construction; Retrofit] Drain body shall consist a [24 oz 0.81 mm (0.032") thick spun copper flange welded to a DWV copper downspout; 2.1 mm (0.081") seamless spun aluminum].
2. Flange shall be fixed with four clamping ring studs to receive integrated clamping ring/strainer. Integrated clamping ring/strainer [matt finish; polyester based powder coat finish] shall be fabricated from heavy duty cast aluminum.
3. Drain shall be supplied with [Stainless Steel Ballast Guard; Flow Control Insert ; Securement Ring; LEXHEAT heat plate].
4. Drain shall be inserted into the drainpipe as shown on the shop drawings and secured to the deck with the [Integral Deck Clamp (IDC); Under Deck Clamp (UDC)] secured tightly to the underside of the deck. Seal the drain to the drainpipe with the appropriate size [Maxxflo Retrofit Roof Drain Seal; FLASH-TITE DRAIN SEAL; mechanical joint connector].
5. Flash the drain into the roofing system in accordance with [NRCA guidelines; CRCA guidelines; the requirements of the roof membrane manufacturer]. Install integrated clamping ring/strainer over membrane and secure tightly to the flange with stainless steel nuts and washers.

ACCEPTED PRODUCT: FLASH-TITE FLIP-TOP DRAIN by LEXCOR, distributed by Lexsuco Corporation (www.lexsuco-corporation.com) Tel:800.268.2889, E-Mail: info@lexsucorp.com).

WARRANTY

This product's lifetime warranty ensures it remains free from manufacturing defects and will perform its intended function throughout the entire lifespan of the roofing system.



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