

FLASH-TITE SURE-FLOW™ ROOF DRAINS

DESCRIPTION & USE

Economical retrofit roof drains. Strainer also acts as a mechanical clamp for the membrane flashing. Ideal for use with single ply or modified bitumen membrane roofs. Available in a 'new construction' design or a 'retrofit' insert design for reroofing application.

FEATURES & BENEFITS

A Flatter Flange – Fits more “wrinkle-free” into the hoppe.

Drainage right down to the Membrane - 3 open channels (wide mouth) to allow for maximum water drainage.

Heavy Duty Strainer - Matt finish, cast aluminum strainer is extremely strong and highly resistant to abuse or vandalism.

Choice of Design - Bodies are available in a choice of heavy gauge 1.6 mm (0.064”) seamless spun aluminum hopper or 24 oz - 0.81 mm (0.032”) welded copper.

Secure Strainer Retention - Single bolt strainer securement provides for quick and easy strainer removal yet firmly holds the strainer in place.

Membrane Clamping - Strainer also acts as a clamping ring to mechanically compress the roof membrane in place.

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

Aluminum drains come standard with an aluminum hopper, heavy duty, matt finish, cast aluminum strainer and a stainless steel securement bolt. Copper drains come with a copper hopper, heavy duty, matt finish, cast aluminum strainer and a stainless steel securement bolt.



TECHNICAL DATA

Physical Dimension

Strainer Height: 5.5” (14 cm)

Downspout Length (copper): 30 cm (12”)

Custom downspout lengths may be possible. Please inquire with Lexcor.

Downspout Length (aluminum): 30 cm (12”)

Flange Diameter: 43 cm (17”)

RETROFIT DRAIN SIZES

ALUMINUM Model No. / Drain Pipe Size	Copper Model No. / Drain Pipe Size
SFDA175 - 1-3/4” for 2” Pipe	SFDC175 - 1-3/4” for 2” Pipe
SFDA275 - 2-3/4” for 3” Pipe	SFDC275 - 2-3/4” for 3” Pipe
SFDA375 - 3-3/4” for 4” Pipe	SFDC375 - 3-3/4” for 4” Pipe
SFDA575 - 5-3/4” for 6” Pipe	SFDC575 - 5-3/4” for 6” Pipe

RETROFIT DRAIN SIZES

ALUMINUM Model No. / Drain Pipe Size	Copper Model No. / Drain Pipe Size
SFDA2 - 2” for 2” Pipe	SFDC2 - 2” for 2” Pipe
SFDA3 - 3” for 3” Pipe	SFDC3 - 3” for 3” Pipe
SFDA4 - 4” for 4” Pipe	SFDC4 - 4” for 4” Pipe
SFDA6 - 6” for 6” Pipe	SFDC6 - 6” for 6” Pipe

Clamping Ring - Average Water Flow = 565 L per hour

Visit our video channel: <https://vimeo.com/channels/lexcorEN>

COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada
1.800.268.2889



Quebec & Atlantic Canada
1.800.363.2307

lexcor.net

FLASH-TITE

SURE-FLOW™

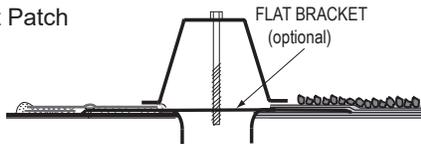
ROOF DRAINS

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Other Option

Refer to the appropriate data sheet for more information:

- Drain Seal (Maxxflo Retrofit Drain Seal is highly recommended)
- Under Deck Clamp
- Flow Control Insert
- Ballast Guard
- Pre-fabricated Target Patch
- Sumped Hopper
- Flat Brack



SPECIFICATION

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

[New Construction; Retrofit] Drain hopper shall consist of a [24 oz - 0.81 mm (0.032") thick spun copper hopper welded to a DWV copper downspout; 1.6 mm (0.064") seamless spun aluminum].

Flange shall be fixed with 4 or 8 clamping ring studs to receive strainer. Strainer shall be fabricated from sand blasted, matt finish, heavy duty cast aluminum. Strainer [polyester based powder coat finish] shall be a 140 mm (5.5") high, secured to the drain hopper with a 6 mm (1/4") single stainless steel bolt.

Drains shall be supplied with [Stainless Steel Ballast Guard; Flow Control Insert].

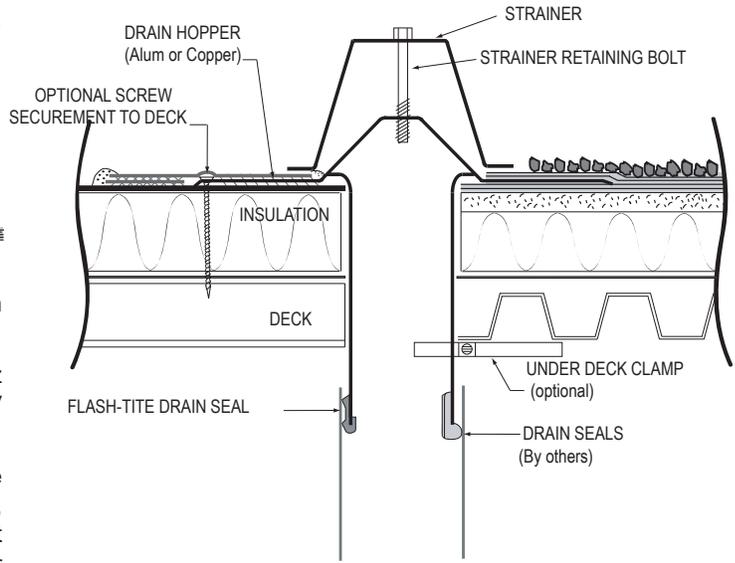
Drains shall be inserted into the drain pipes as shown on the shop drawings and secured to the deck with the [Integral Deck Clamp (IDC); Under Deck Clamp (UDC)] secured tightly to the underside of the deck. Seal the drain to the drainpipe with the appropriate size [Maxxflo Retrofit Roof Drain Seal; Flash-Tite™ Drain Seals; mechanical joint connector].

Flash the drains into the roofing system in accordance with [NRCA guidelines; CRCA guidelines; the requirements of the roof membrane manufacturer]. Install clamping ring over membrane and secure tightly to the flange with stainless steel nuts and washers.

ACCEPTED PRODUCT: Sure-Flow™ Roof Drain by Lexsuco Corporation (www.lexcor.net, Tel: 800.268.2889, E-Mail: info@lexcor.net).

Single Ply Roof Flashing

Built-Up Roof Flashing



INSTALLATION

Install the roof insulation and roof membrane, cutting an appropriate sized hole through both materials over the drain pipe. If using a pipe seal, connect it to the Sure-Flow™ drain downspout. Insert the drain downspout into the drainage pipe, ensuring a proper drain-to-pipe seal. Adhere the drain hopper flange to the top of the underlying roof membrane using a membrane compatible adhesive. If desired, the drain may also be mechanically fastened to the structural deck with insulation screws (recommended). Fasten 4 screws 25 mm (1") in from the edge of the flange. Alternatively, use the Flash-Tite™ Deck Clamp. Adhere appropriate membrane flashing overtop of the drain flange, bringing it up to the membrane stop at the edge of the downspout. Apply a membrane compatible sealant along the edge of the membrane flashing. Install any drain accessories as required and tighten the strainer down to the hopper with the strainer retaining bolt. Complete membrane flashing detail.

WARRANTY

This product is warranted against manufacturing defects for a period of 10 years.

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