

FLASH-TITE INSULATION & ONE-WAY VENTS

DESCRIPTION & USE

- Relieve vapour pressure and help remove moisture from the insulation layer in low-slope commercial roofs.
- May be used in conjunction with built-up, modified bitumen or single ply roofing systems.

LEXCOR has two models of vents to choose from:

Standard Insulation Breather - Single spun aluminum unit featuring a wide flange and a seamless vent stack. The stack is protected by a self-draining conical rain hood.

One-Way Vent - The OWV's unique unidirectional valve prevents moisture vapour from re-entering the roof system once it has escaped to the atmosphere.

FEATURES & BENEFITS

Saves Energy - helps maintain the roof insulation's thermal resistance (R-value) by preventing moisture build-up within the insulation layer (heating and cooling costs are kept to a minimum).

Prolongs Roof Life - Can significantly prolong a roof's life expectancy by preventing internal moisture damage; one of the leading causes of premature roof failure.

Economical - Inexpensive to install.

Self Draining - Conical cap ensures any condensation collecting within the vent safely drains to the outside.

Larger Venting Area - Compared to competing brands, FLASH-TITE INSULATION VENTS offer a much larger venting area.

Removable Caps - For cleaning and to permit faster installation with a single "target" piece membrane flashing.

Additional Features of ONE-WAY VENTS:

Insulated - Insulation prevents water condensing on the walls of the vents in colder climates (insulation is optional with Standard Insulation Breathers).

Mosquito Netting - Vents are protected with mosquito netting to prevent insect penetration.

TECHNICAL DATA

Fabrication	
Metal:	1.6 mm (0.064") Aluminum
Insulation:	Polyethylene Foam Pipe Insulation 13 mm (0.5") thick, R= 2.0



Product Specifications		
Specification	Small Size	Large Size
Model NOs.		
Std. Breather:	IVS	IVL
One Way Vent:	OWS	OWL
Dimensions		
Height:	270 mm (10.75")	320 mm (12.5")
Throat Diameter:	90 mm (3.38")	140 mm (5.5")
Flange Diameter:	250 mm (10.0")	350 mm (14.0")
Venting Area		
Std. Breather:	420 mm ² (6.5 in ²)	1290 mm ² (12.0 in ²)
One Way Vent:	290 mm ² (4.5 in ²)	1030 mm ² (16.0 in ²)

INSTALLATION

For better adhesion with bituminous based roofing systems (built-up, modified bitumen, rubberized asphalt) pre-treat the flange with an asphalt primer.

1. Select the location for the insulation vent, preferably over an insulation joint. Cut a hole through the roofing membrane to match the size of the insulation vent. Discard the removed membrane.
2. Centre the Vent over the hole and adhere the flange to the roof membrane with an adhesive compatible with the type of roofing membrane. Be careful not to plug the hole in the membrane.



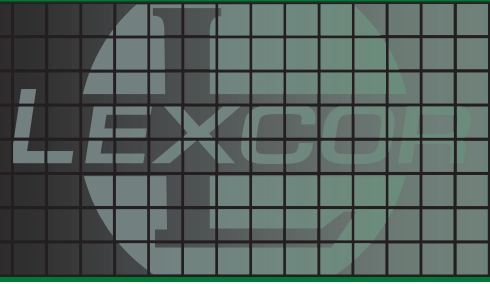
COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada 1.800.268.2889 / Quebec & Atlantic 1.800.363.2307

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FLASH-TITE

INSULATION & ONE-WAY VENTS



- Flash the Insulation Vent into the roof membrane as recommended by the roof membrane manufacturer or as per NRCA or CRCA guidelines. Use good roofing practice to ensure a permanent, water-tight seal.

SPECIFICATION

Spec Note: Choose options from within square brackets (i.e.: [small; large]).

BREATHER VENTS shall be seamless 1.6 mm thick (0.064") aluminum vents, with a minimum venting area of [small size: 42 cm² (6.5 in²); large size: 129 cm² (20 in²)]. Breathers are to include a downward sloping rain hood attached to the vent.

Optional: Vents shall be factory insulated with 13 mm (½") thick polyethylene pipe insulation providing a minimum R-value of 2.0.

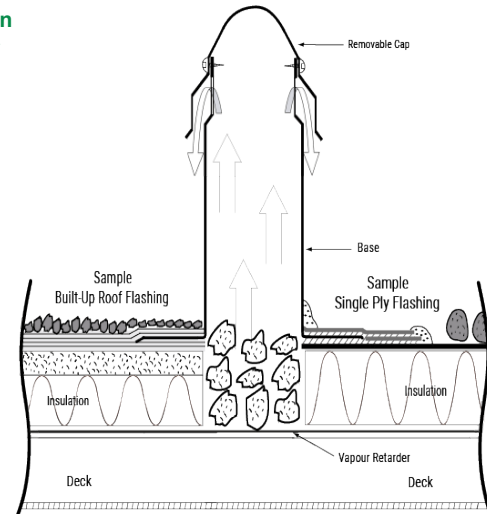
ONE-WAY VENTS shall be seamless 1.6 mm thick (0.064") aluminum, with a minimum venting area of [small size: 29 cm² (4.5 in²); large size: 103 cm² (16 in²)]. Vents are to come complete with ½" thick interior polyethylene insulation providing an R-value of 2.0, metal mosquito netting, a downward sloping rain hood and a one-way vent mechanism.

ACCEPTABLE PRODUCT: FLASH-TITE [Small; Large] [Standard Breathers; One-way Vents], Model No. _____, as manufactured by Lexsuo Corporation (www.lexsucorporation.com, Tel: 800.268.2889, E-Mail: info@lexsucocorp.com). Install [Insulation Vents; One Way Vents] at the rate of one vent per [____; 93 m² (1000 sq. ft.)] of roof area, as indicated on the drawings. Install in strict accordance with the manufacturer's directions and flash in to the roof membrane in accordance with [the roofing membrane manufacturer's; NRCA; CRCA] directions and good roofing practice.

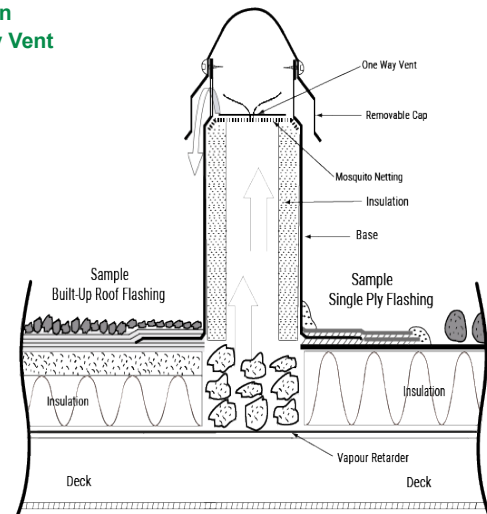
WARRANTY

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.

Insulation Breather



Insulation One-Way Vent



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